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Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity	Northern District P. O. Box 607 2440 Main Street Red Bluff, CA 96080 (916) 527-6530
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Fresno, Kern (valley), Kings, Madera, Mariposa, Merced, Monterey, San Benito, Santa Cruz, Stanislaus, and Tulare	San Joaquin District 3374 East Shields Avenue Fresno, CA 93726-6990 (209) 445-5443
Imperial, Inyo, Kern (desert), Los Angeles, Orange, Riverside, Mono (South), San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura	Southern District P. O. Box 6598 849 South Broadway, Suite 500 Los Angeles, CA 90055-1598 (213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources
Division of Planning
Statewide Data Coordinator
P. O. Box 942836
Sacramento, CA 94236-0001
(916) 445-7314

State of California—Resources Agency
Department of Water Resources
P.O. Box 942836
Sacramento CA 94236-0001





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Bulletin 130-85
May 1988

HYDROLOGIC DATA 1985

Volume IV: San Joaquin Valley



Gordon K. Van Vleck
Secretary for Resources
The Resources Agency

George Deukmejian
Governor
State of California

David N. Kennedy
Director
Department of Water Resources

Copies of this bulletin at \$7.50 may be ordered from:

State of California
DEPARTMENT OF WATER RESOURCES
P. O. Box 942836
Sacramento, CA 94236-0001

Make checks payable to:
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ON THE COVER: Flowing swiftly through the central California foothills toward the Sacramento-San Joaquin Delta, the Stanislaus River provides irrigation water for farmers, fishing opportunities for anglers, and magnificent scenery for all.

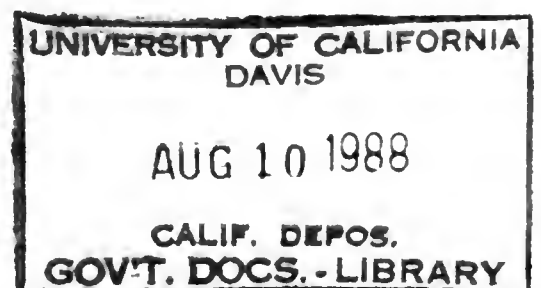
**Department of
Water Resources**

Bulletin 130-85

HYDROLOGIC DATA 1985

**Volume IV:
San Joaquin Valley**

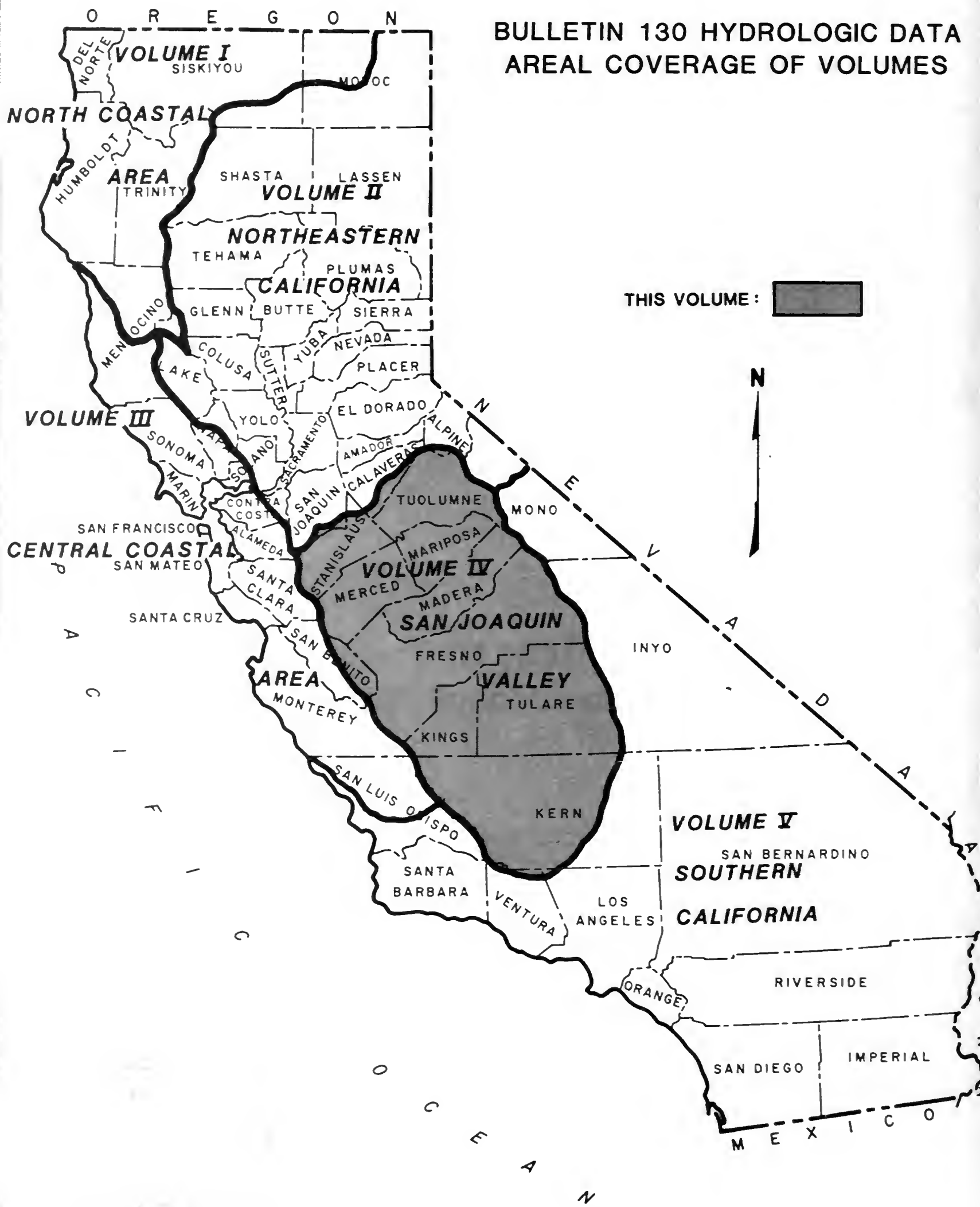
May 1988



**Gordon K. Van Vleck
Secretary for Resources
The Resources
Agency**

**George Deukmejian
Governor
State of
California**

**David N. Kennedy
Director
Department of
Water Resources**



FOREWORD

Department of Water Resources' Bulletin 130 series, which presents hydrologic data for California, was published annually from 1963 to 1975. The series was discontinued with the advent of the storage and retrieval of hydrologic data by electronic data processing methods. However, continued interest in the series prompts resumption of publication.

The first in the resumed series is Bulletin 130-85. It contains hydrologic data for the 1985 water year (October 1, 1984 through September 30, 1985). The Bulletin is published in five volumes, each of which reports on one of the five areas of the State delineated on the facing map. This volume covers the San Joaquin Valley.

The data collection program of the Department of Water Resources supplements similar activities by other agencies to obtain the information required for effective water resources planning, design and operation of water facilities, and for control and management of the State's water resources.



David N. Kennedy, Director
Department of Water Resources

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The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, acts as a liaison between the legislative and executive branches of State Government, and coordinates federal, state, and local water resources efforts.

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Alta Irrigation District
Arvin Edison Water Storage District
Buena Vista Water Storage District
California Water Service Company
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Tranquillity Resources Conservation District
Tulare Irrigation District
Tule River Association

Turlock Irrigation District
U. S. Army Corps of Engineers
U. S. Bureau of Reclamation
U. S. Geological Survey
Westlands Water District
Wheeler Ridge-Maricopa Water Storage District

INTRODUCTION

Bulletin 130-85 presents data on the quantity and quality of California's water resources for the water year October 1, 1984 through September 30, 1985. These data were collected by the Department of Water Resources and other organizations cooperating with the Department. The data are published in five volumes (for areal coverage of volumes see page ii). This volume encompasses the San Joaquin Valley. Each volume contains data presented in five appendixes as follows:

Appendix	Subject
A	Precipitation Measurements
B	Surface Water Measurements
C	Surface Water Quality
D	Ground Water Measurements
E	Ground Water Quality

Inquiries regarding the data in this publication should be directed to the offices of the Department of Water Resources listed inside the back cover. The Department's files also contain some data currently not being published, which are also available from these offices.

Additional information about the availability of hydrologic data for California will be found in Department of Water Resources Bulletin 230 series "Index to Sources of Hydrologic Data." This reference series presents an inventory of historic hydrologic data on file with the Department. The most recent issue is Bulletin 230-81. A new edition is in preparation.

Station Location and Identification

The locations of precipitation and surface water quality data stations are shown on figures included with the respective appendix. Because there are so many individual wells, plotting these on a map in this volume is impractical. Instead, figures are presented in the respective appendix which delineate the areas for which data are listed.

The principal identifiers for locating hydrologic data stations are (1) station name, (2) station number, (3) latitude and longitude, (4) township, range and section (T,R and S) and (5) county. All are used in this publication, but vary with the type of data and common usage. For example, in ground water the township, range and section serve as the station name and number.

A sixth identifier, an areal one, is employed in this publication. Called the "Areal Designation Code," it is the signature for the Department's Areal Designation System which was developed to relate all water resources data to areal location. The Areal Designation System and Code are described in the following section.

Detailed explanations of the station names and station numbers used for each type of data appear with the appendix in which the data appear.

Latitude is the angular measurement from the equator, north or south, to a point of interest on the earth's surface. Longitude is the angular measurement from the prime meridian (zero point) at

Greenwich, England, east or west, to a point of interest on the earth's surface. Latitude and longitude are given in degrees, minutes and seconds. A difference of one second of latitude represents about 100 feet on the ground. In California, a difference of one second of longitude represents about 85 feet on the ground.

Areal Designation Code

The areal designation code (called simply the "areal code") is an alphanumeric which designates a specific hydrologic area in the State.

Areal designation defines hydrologic boundaries throughout California. Under this system, the State is divided into four geographic levels based on topography, hydrology, geology and occasionally, institutional considerations. These are designated, in decreasing size, hydrologic basin (HB), hydrologic unit (HU), hydrologic area (HA) and hydrologic subarea (HSA). The first level, the hydrologic basin, is the land area defined by the highest surrounding ridges such that each separate land area is easily identified as independent of the others. There are 12 hydrologic basins in California and each is identified by a letter (see Figure 1). Each of the hydrologic basins is divided into hydrologic units which encompass a major watershed, two or more small contiguous watersheds having similar characteristics, or a closed drainage area. The third level of subdivision is the hydrologic area and the fourth and smallest breakdown is the hydrologic subarea. The latter usually is a single ground water basin, a definable portion of a larger ground water basin, a tributary area of a stream system, or a definable portion of a large stream tributary.

The code used to identify each subdivision consists of five characters; a letter for the hydrologic basin; two numerics for the hydrologic unit; a letter for the hydrologic area; and a single numeric for the hydrologic subarea; i.e., B-06.A designates the Patterson Hydrologic area in this volume.

Because several stations may be located in a given hydrologic subarea, the areal code facilitates locating and comparing nearby stations, be they precipitation, streamflow, water quality or ground water stations. The areal code is used as an identifier for all stations in this report. The Water Data Information System (WDIS), a computerized data system of the Department of Water Resources, can retrieve all data types by areal code.

Areal codes and boundaries for this volume appear on Figure 2. A map showing all areal codes and boundaries in California as well as a list of all 1,309 subdivisions and their names is available on request.

Agency Code

Reference is made in various tables in this publication to code numbers used to identify agencies collecting data, operating stations, or performing laboratory analysis (Lab). The agencies or laboratories may be identified by matching the tabulated code number with one of the code numbers listed at the beginning of the respective appendix. A complete cross index of agencies and code numbers is available on request.

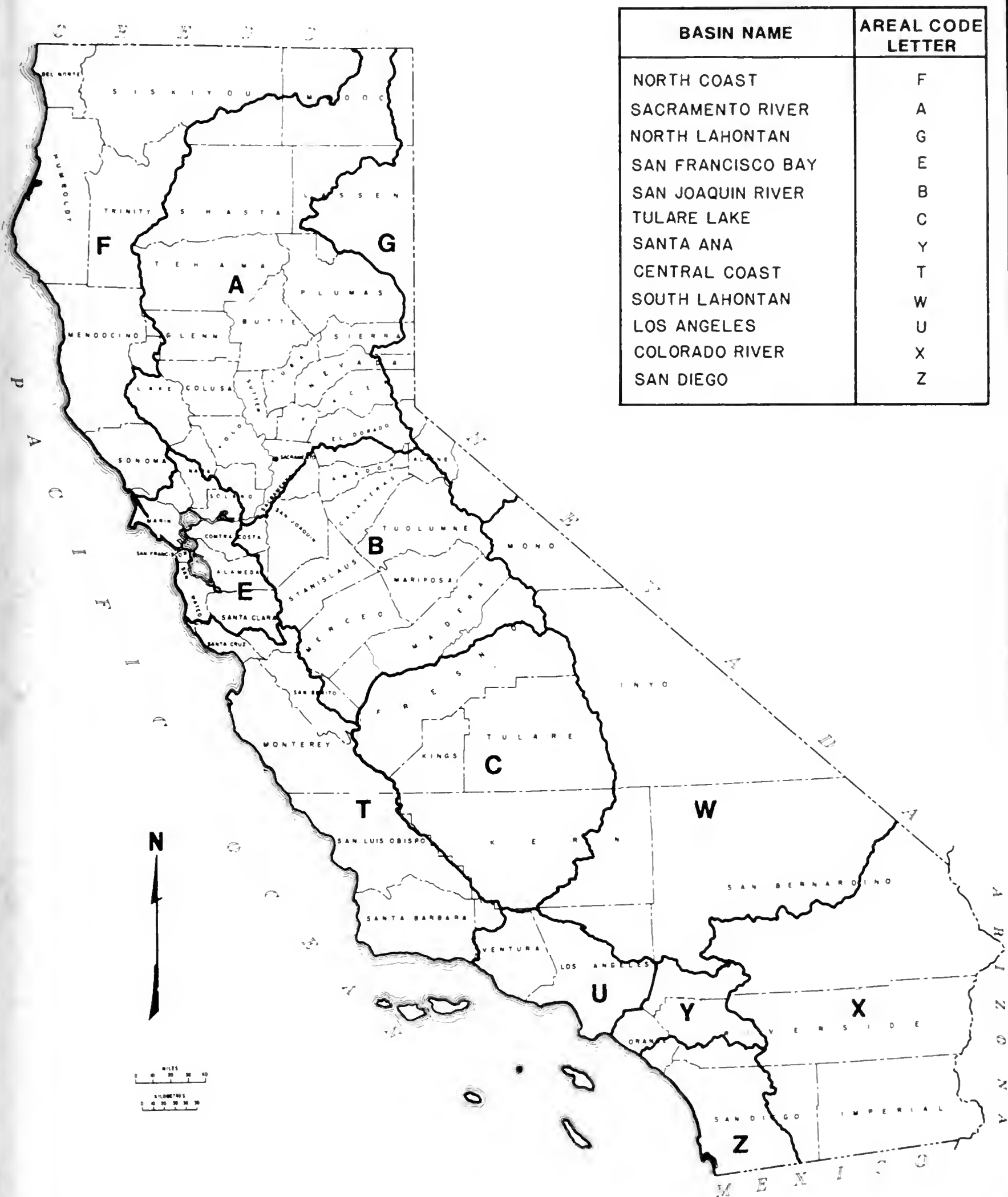
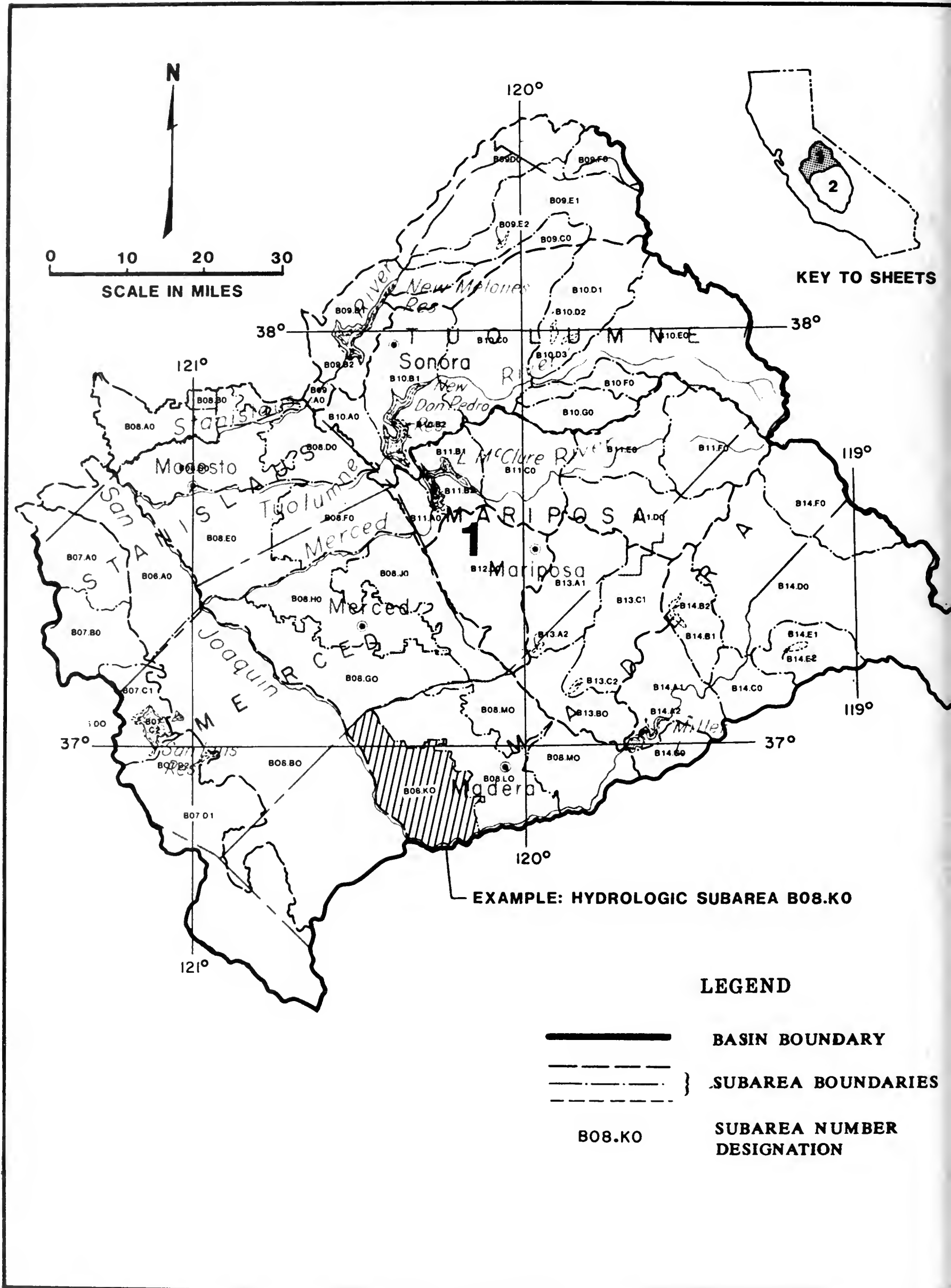




Figure 1. HYDROLOGIC BASINS OF CALIFORNIA



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 **BASIN BOUNDARY**
 **SUBAREA BOUNDARIES**

CO1.AO **SUBAREA NUMBER DESIGNATION**

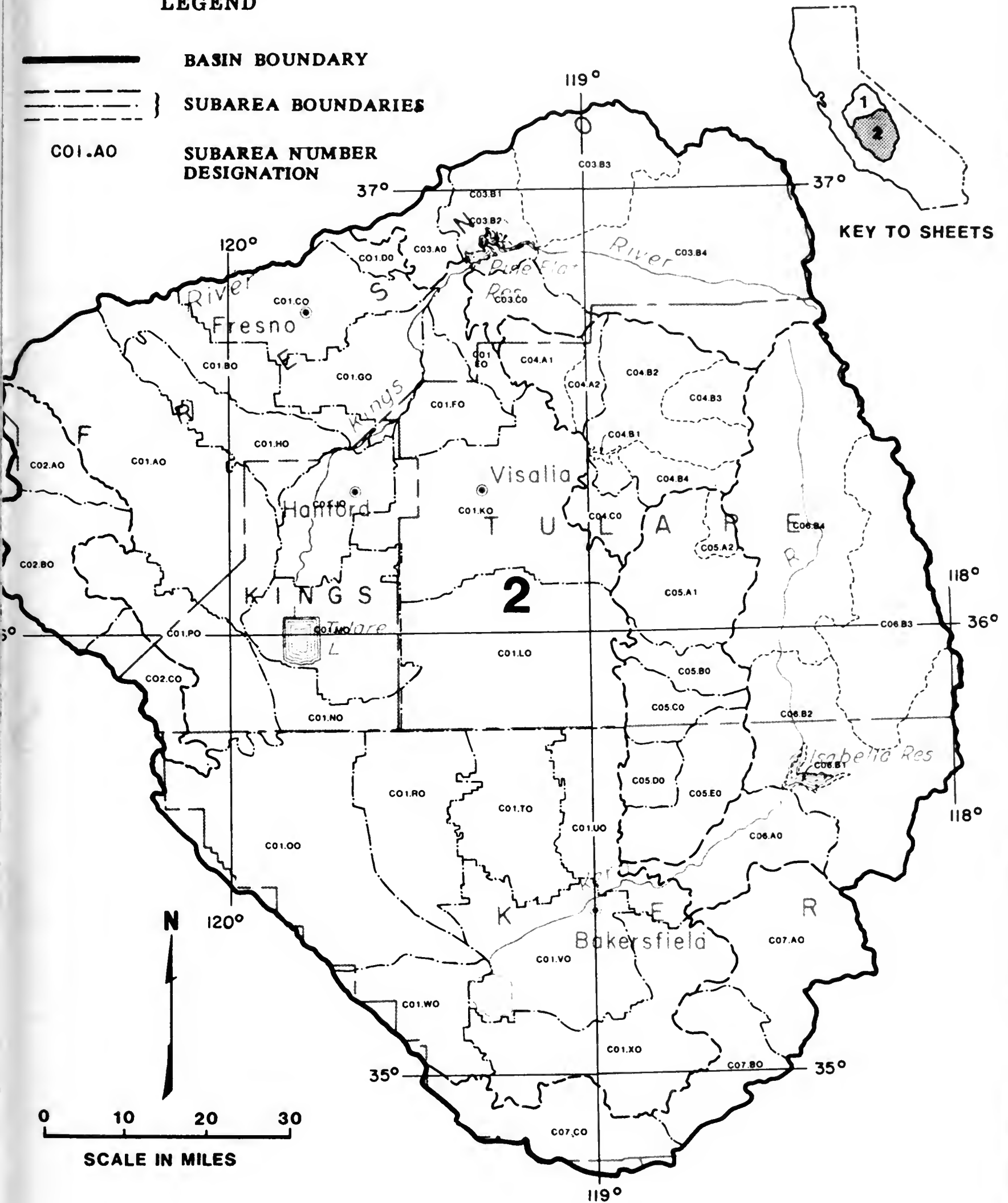


Figure 2 AREAL CODES AND BOUNDARIES

APPENDIX A

CLIMATOLOGICAL DATA

APPENDIX A

CLIMATOLOGICAL DATA

Appendix A presents precipitation data for certain climate stations in the San Joaquin Valley for the water year October 1, 1984 through September 30, 1985. Locations of the stations are shown on Figure 3, pages 12 through 17.

The first character of the nine character climatological station number indicates the major basin in which the station is located. This character is one of the areal code letters shown on Figure 1. The next two characters designate a hydrologic unit in the major basin. The fourth through the ninth characters denote the sequence of the stations under an alphanumeric system developed by the National Weather Service. (The fourth through seventh characters are the same as the four-digit station numbers used by the National Weather Service.)

Climatological stations are often named after the nearest post office and the distance and direction to the station. Distance is in miles, and the direction is represented in one of 16 compass points. For example, Avenal 6 SSW denotes a station located 6 miles south southwest of the post office at Avenal. To better describe some stations, the name of the station is followed by the entity who began reporting data. The responsibility for selecting the station name generally rests with the agency or individual who establishes the station.

The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Common abbreviations are:

- AP - Airport
- CDF - California Department of Forestry
- CP - Camp
- DWR - Department of Water Resources
- FD - Fire Department
- FS - Fire Station
- GS - Guard Station
- HDW - Headworks
- ID - Irrigation District
- PH - Power House
- RCH - Ranch
- RS - Ranger Station
- SCE - Southern California Edison
- USCE - U. S. Corps of Engineers
- WSD - Water Storage District

The Department gives latitude and longitude to the nearest second when the value is known, but the National Weather Service lists stations by degree and minute only. A zero value or a blank space for "seconds" in the latitude and longitude columns means that these values have been obtained from the National Weather Service, and the location has not been verified in the field.

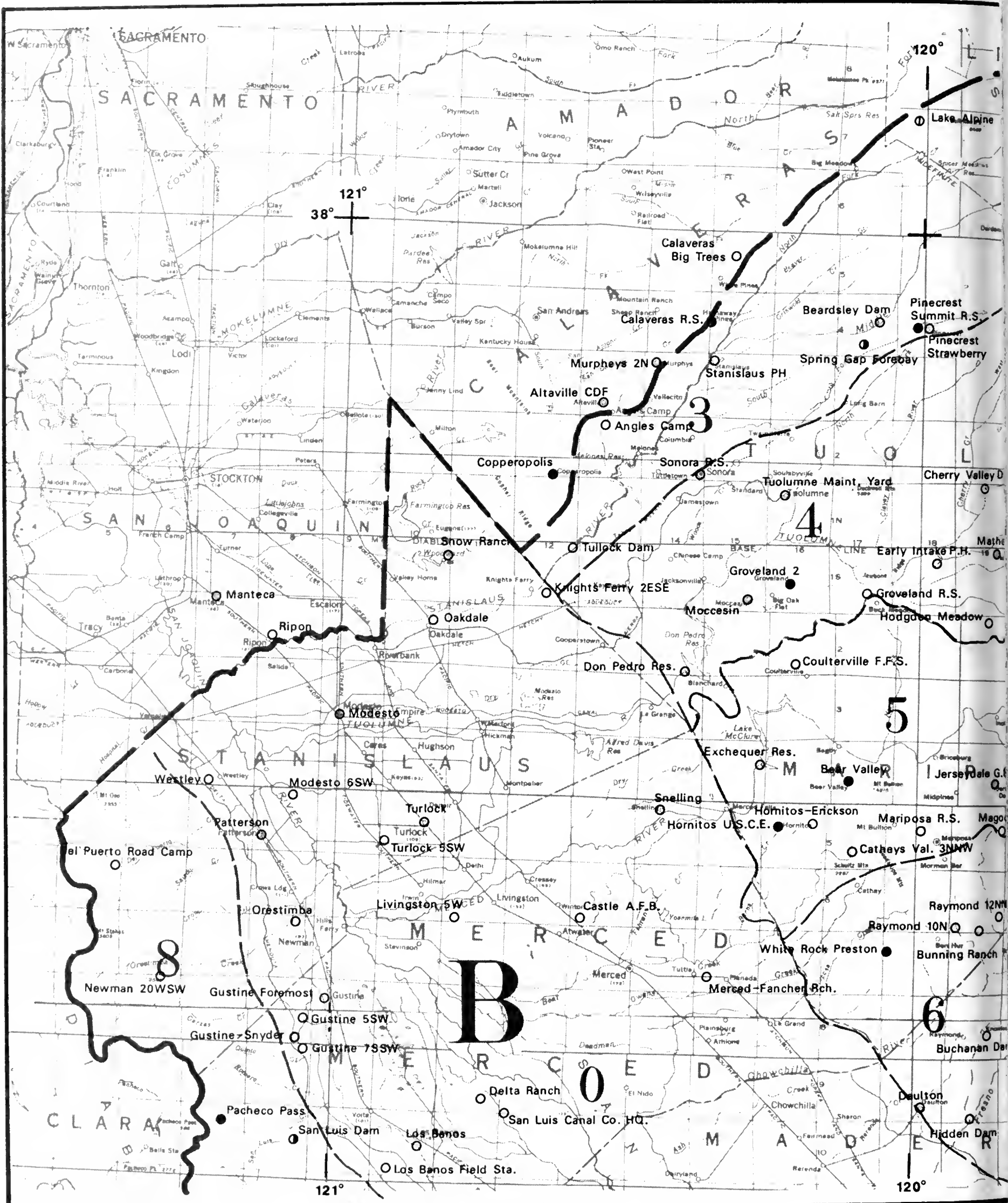
Elevations are given in feet from USGS mean sea level datum, and are usually obtained by interpolation between contours of USGS topographic maps.

Precipitation values are shown to the nearest one-hundredth of an inch (0.01"). (Where digital recording rain gages that only record to the nearest tenth of an inch are used, a zero is shown in the second decimal place.)

The following notations are used to qualify the values:

- No record or incomplete record
- B Record began
- E Estimated in some degree
- N Record ends
- .00T Trace, an amount too small to measure

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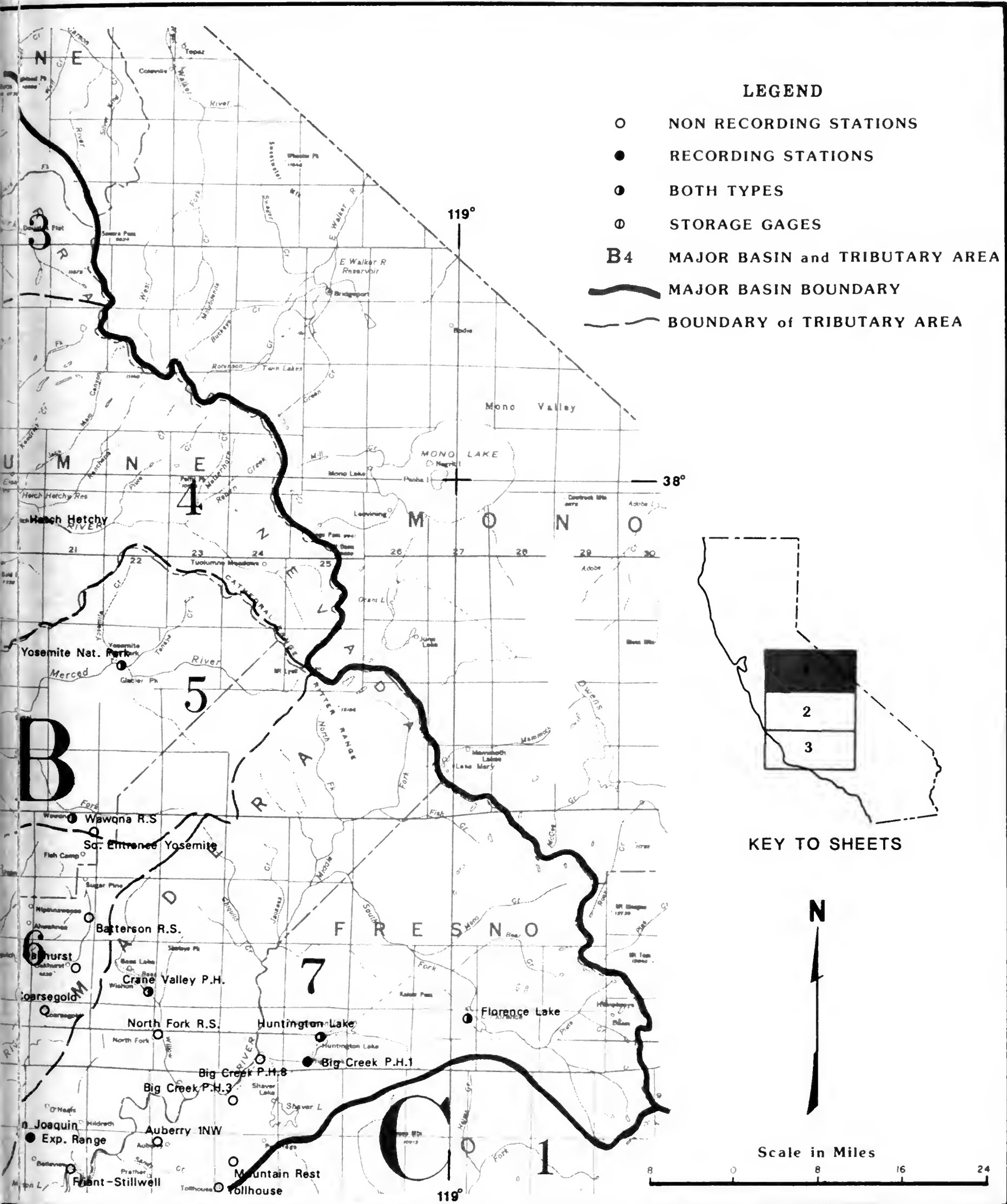
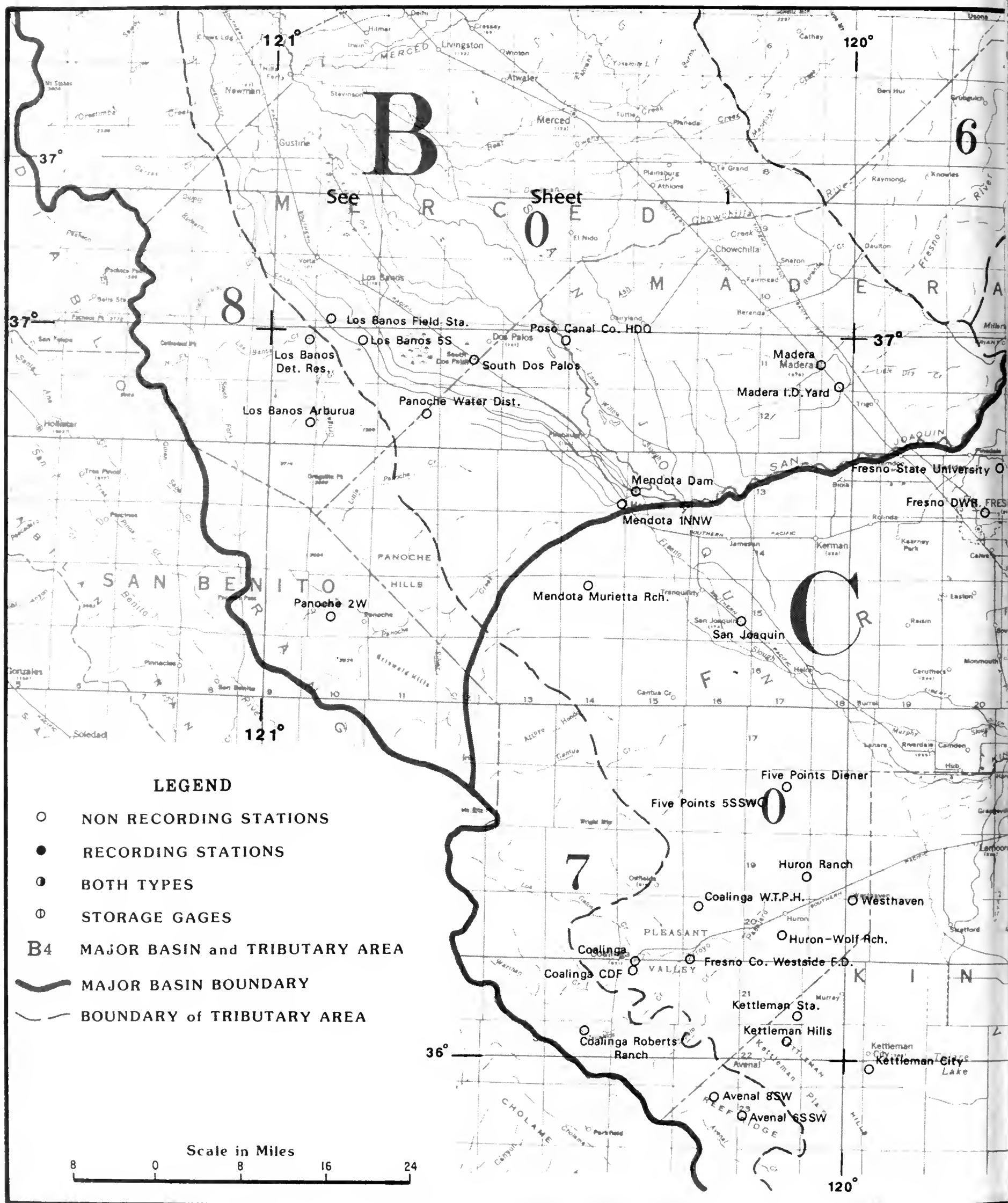


Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS



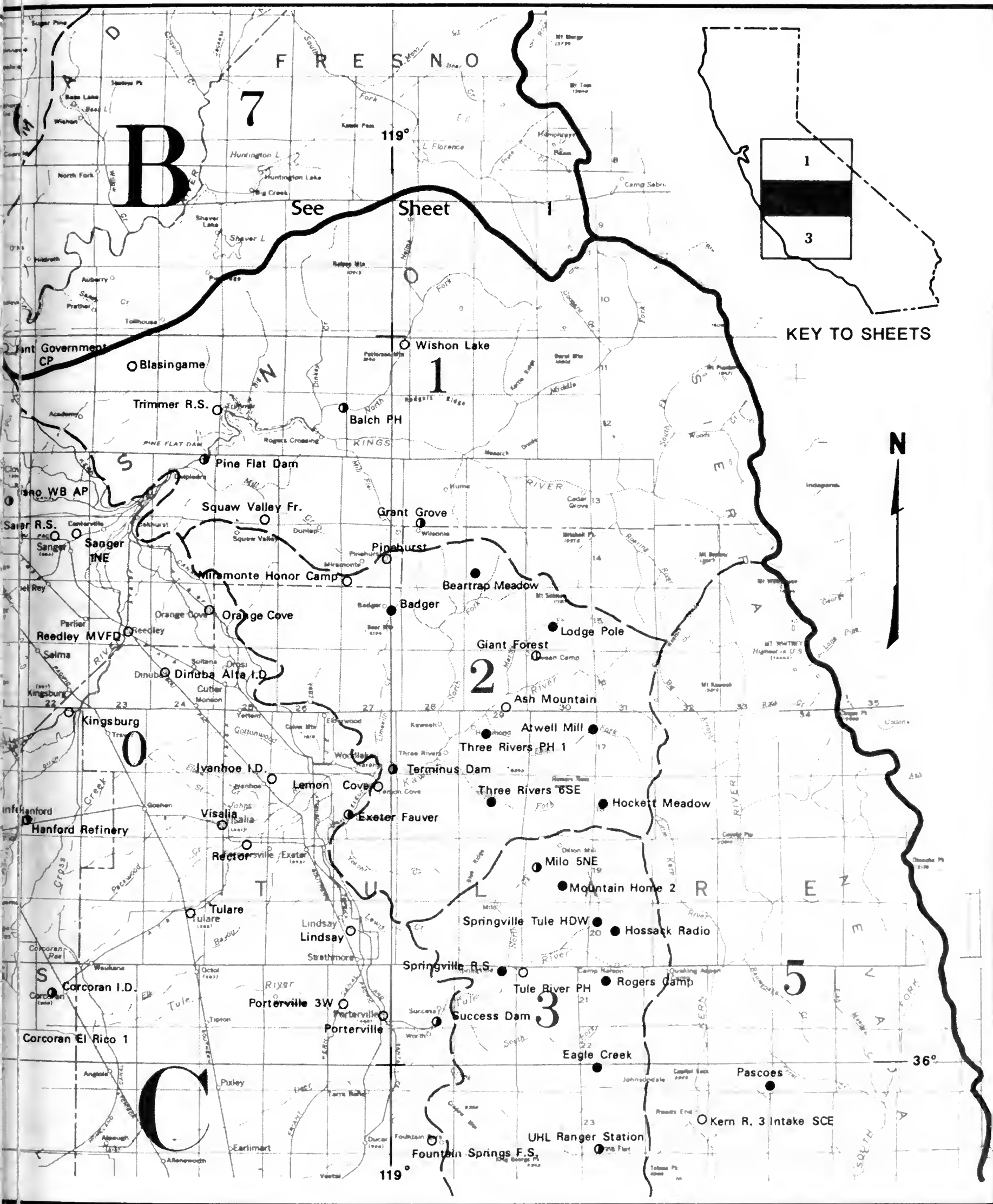
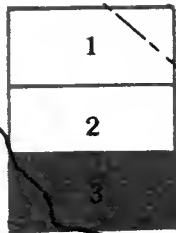
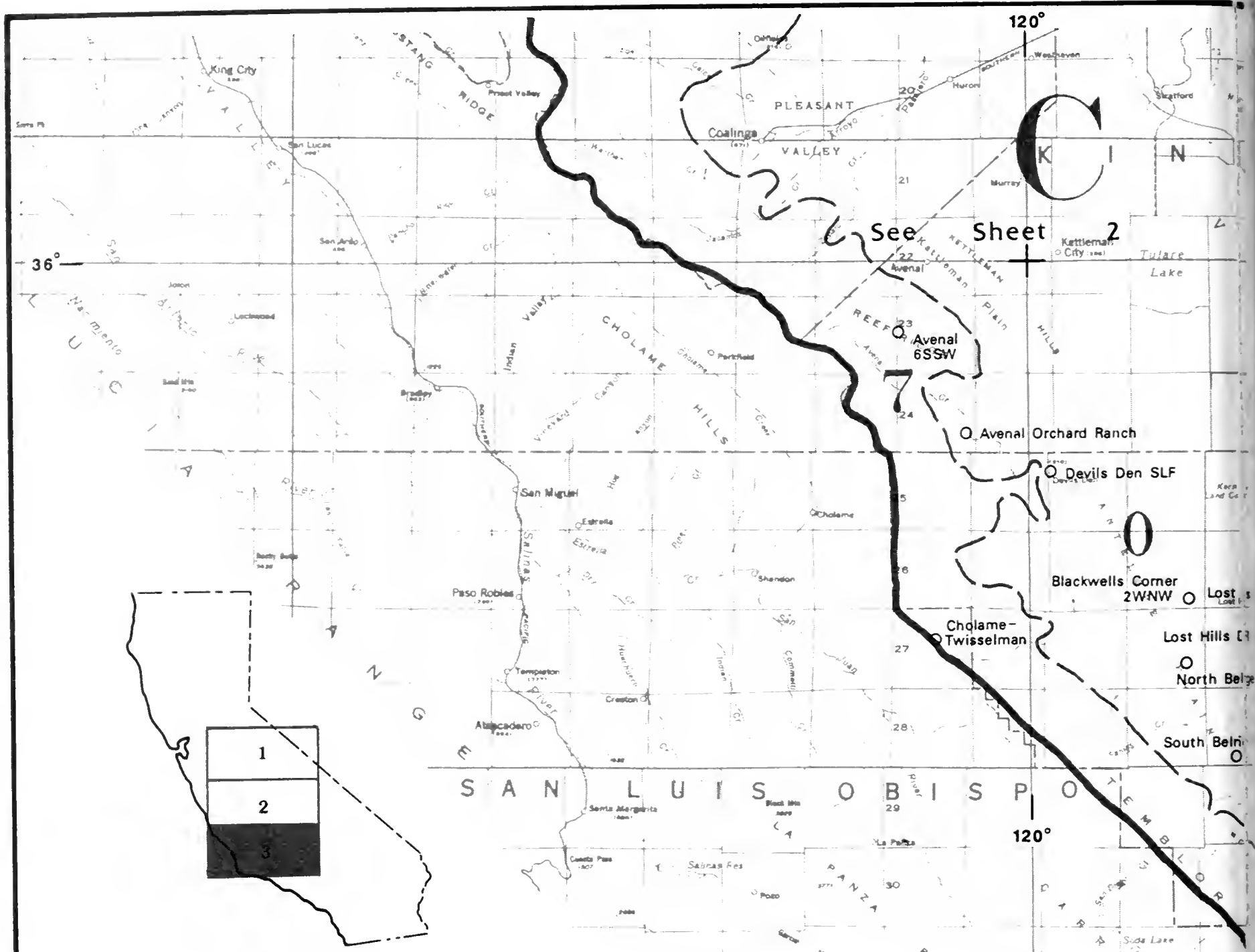


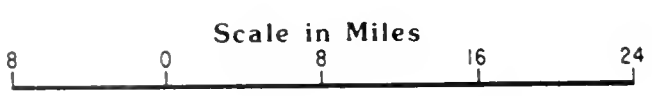
Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS



KEY TO SHEETS

LEGEND

- NON RECORDING STATIONS
- RECORDING STATIONS
- ◐ BOTH TYPES
- ⊙ STORAGE GAGES
- B4** MAJOR BASIN and TRIBUTARY AREA
- MAJOR BASIN BOUNDARY
- BOUNDARY of TRIBUTARY AREA



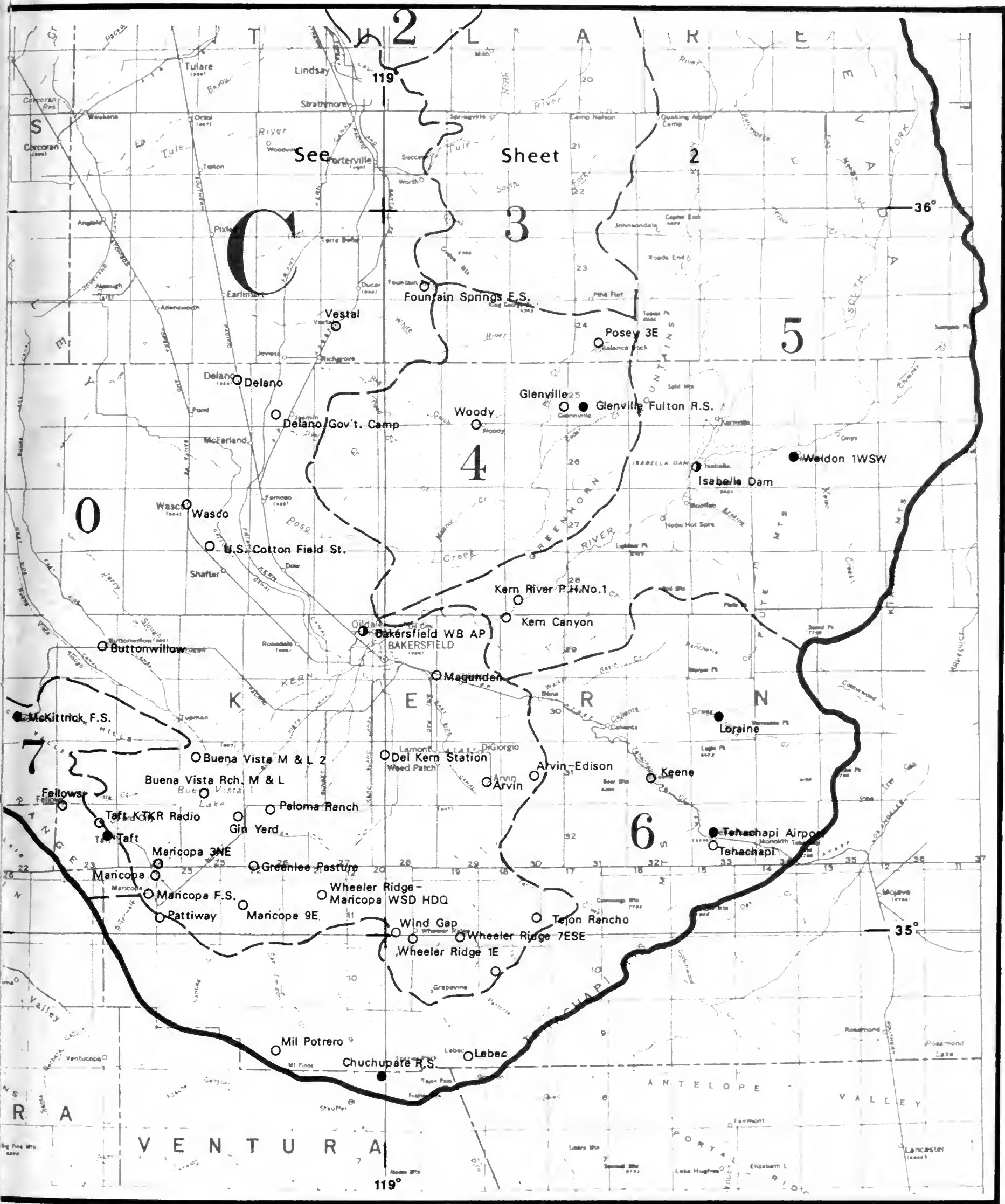


Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS

TABLE A-1
MONTHLY PRECIPITATION
SAN JOAQUIN VALLEY
Volume IV
Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES						1985					
							1984						APR	MAY	JUN	JUL	AUG	SEP
							OCT	NOV	DEC	JAN	FEB	MAR						
B09B1	B20014900	38 05	120 33	1,545	Altaville CDF nr Angels Camp	22.13	2.52	7.46	1.97	1.18	2.99	4.71	.06	.00	.36	.00	.14	.74
B09B1	B30020900	38 04	120 32	1,535	Angels Camp	27.16	2.89	9.01	1.95	1.45	4.00	6.24	.09	.00	.24	.00	.15	1.14
C01X0	C00033250	35 12	118 46	510	Arvin-Edison	7.47	.06	1.57	1.29	1.18	1.15	.98	.00	.23	.38	.03	.00	.60
C01X0	C00033200	35 12	118 49	445	Arvin	5.43	.00	1.11	1.09	.80	.74	.75	.01	.20	.30	.00	.00	.43
C04B2	C20034300	36 29	118 49	1,708	Ash Mountain	23.62	1.91	6.77	2.94	2.11	2.90	5.30	.21	.03	.12	.25	.00	1.08
C04B2	C20037400	36 28	118 40	6,400	Atwell Mill	37.40	3.70	9.50	4.10	2.80	4.00	9.00	.70	.20	.70	.60	.20	1.90
B14A1	B70037900	37 05	119 30	2,140	Auberry 1NW	18.72	1.49	5.20	2.88	1.02	1.97	4.69	.64	.01	.09	.05	.01	.67
C01P0	C00039900	35 48	120 05	712	Avenal Orchard Rch	6.65	.47	1.45	2.07	.39	.42	1.15	.05	.00	.40	.00	.07	.18
C02C0	C70039901	35 57	120 13	1,424	Avenal 8 SW	10.32	1.01	2.56	2.69	.20	.74	2.42	.14	.00	.08	.00	.08	.40
C02C0	C70039902	35 55	120 10	1,565	Avenal 6 SSW	9.79	1.90	2.17	2.17	.35	.74	1.68	.10	.00	.44	.00	.07	.17
C04A1	C20042200	36 38	119 01	3,030	Badger	---	1.00	5.30	2.80	1.80	2.50	7.30	---	.10	.10	.10	.10	1.10
C01V0	C00044200	35 25	119 02	494	Bakersfield WB AP	4.25	.13	1.01	.95	.38	.48	.48	.00	.14	.44	.00	.00	.24
C03B3	C10044900	36 54	119 05	1,720	Balch Power House	20.43	1.14	5.49	2.16	1.38	2.85	5.50	.27	.00	.10	.13	.00	1.41
B13C1	B60094450	37 24	119 37	3,100	Batterson Ranger Station	23.40	2.01	7.04	2.42	.45	3.07	6.29	.79	.00	.22	.00	.05	1.06
B1200	B50057080	37 34	120 07	2,600	Bear Valley	15.98	1.38	5.16	.00	2.93	3.47	3.04	.00	.00	.00	.00	.00	.00
B09E1	B30057300	38 12	120 04	3,164	Beardsley Dam	31.59	3.97	10.28	2.58	1.52	3.13	5.84	.86	.07	.28	.30	.12	2.64
C04B2	C20059600	36 41	118 52	6,800	Beartrap Meadow	34.80	1.80	10.80	1.40	4.20	3.20	10.80	.10	.20	.30	.10	.00	1.90
B14E1	B70075500	37 12	119 14	4,930	Big Creek Power House 1	---	1.94	7.63	2.20	1.56	2.37	5.72	---	---	---	---	---	---
B14C0	B70075502	37 08	119 23	1,400	Big Creek Power House 3	---	1.26	5.15	2.46	.95	1.86	4.40	---	---	---	---	---	---
B14C0	B70075505	37 12	119 20	2,260	Big Creek Power House 8	---	---	5.83	2.20	1.45	1.72	4.69	---	---	---	---	---	---
C05D0	C00087500	35 37	119 53	710	Blackwells Corner 2WNW	6.46	.45	1.60	2.45	.33	.17	.32	.00	.00	.63	.00	.00	.51
C03A0	C10088080	36 57	119 26	1,050	Blasingame	12.23	1.04	3.11	1.28	.96	1.87	3.38	.42	.00	.17	.00	.00	.00
B13A2	B60115110	37 12	119 58	540	Buchanan Dam	11.65	1.52	3.03	1.72	.70	1.62	2.11	.61	.00	.34	.00	.00	.00
C01V0	C00117500	35 11	119 11	290	Buena Vista Ranch M + L	4.81	.05	1.48	1.29	.87	.28	.38	.01	.01	.08	.00	.00	.36
C01V0	C00117580	35 14	119 18	290	Buena Vista Ranch M + L2	4.63	.05	1.40	1.34	.71	.34	.58	.00	.01	.03	.00	.00	.17
B13A1	B60118822	37 22	119 53	1,520	Bunning Ranch	21.80	2.80	5.70	1.80	1.00	3.50	5.50	.80	.10	.10	.00	.00	.50
C01R0	C00124400	35 24	119 28	268	Buttonwillow	4.85E	.18	1.13	1.61	.50E	.26	.26	.00E	.00	.42	.00	.00	.49
B09D0	B20127700	38 17	120 19	4,696	Calaveras Big Trees	41.40	4.61	12.59	2.89	2.15	5.29	9.24	1.09	.00	.90	.33	.15	2.16
B09D0	B30128000	38 11	120 21	3,343	Calaveras Ranger Station	37.61	4.82	11.14	2.36	1.95	4.64	9.02	.37	.00	.83	.30	.14	2.04
B08H0	B00158000	37 22	120 34	170	Castle A F B	9.40	1.41	2.35	1.60	.54	.81	2.33	.05	.00	.29	.00	.02	.00
B1200	B50158803	37 28	120 06	1,250	Catheys Valley 3NNW	16.50	2.10	5.45	2.15	.80	1.15	4.45	.40	.00	.00	.00	.00	.00
B10D1	B40169700	37 58	119 55	4,765	Cherry Valley Dam	38.01	4.28	11.82	2.20	1.15	5.20	9.56	1.12	.00	.29	.20	.16	2.03
C01Q0	C70174302	35 35	120 07	1,675	Cholame Twisselman	8.09	.39	1.33	2.44	1.00	.52	1.85	.10	.00	.10	.00	.15	.21
C07C0	C60175400	34 48	119 01	5,260	Chuchupate Ranger Station	---	.10	2.60	3.60	1.20	.40	1.40	---	.20	.20	.00E	.00	.60
C01P0	C00186400	36 09	120 21	671	Coalinga	5.75	.35	1.20	1.76	.25	.05	1.27	.24	.00	.00	.00	.23	.40
C02B0	C70186402	36 02	120 26	1,350	Coalinga Roberts Ranch	9.36	.60	2.38	3.10	.07	.56	2.28	.09	.00	.09	.00	.06	.13
C01A0	C00186430	36 12	120 14	528	Coalinga Water Treatment PH	5.92	.48	1.05	2.17	.72	.08	.85	.00	.00	.00	.00	.47	.10
C01P0	C00187080	36 08	120 22	690	Coalinga CDF	5.33	.19	1.29	1.83	.28	.05	1.25	.02	.00	.00	.00	.00	.42
B13C1	B60187800	37 16	119 42	2,363	Coarsegold	19.94	1.55	5.82	2.37	.87	2.78	5.05	.70	.00	.22	.00	.05	.53
B09B2	B30200300	37 59	120 38	1,000	Copperopolis	16.75	2.09	6.86	1.62	.73	.67	4.78	.00	.00	.00	.00	.00	.00
C01M0	C00201200	36 05	119 34	200	Corcoran Irrigation Dist.	5.54	.38	2.38	1.37	.31	.29	.71	.09	.00	.01	.00	.00	.00
C01M0	C00201300	36 02	119 38	185	Corcoran El Rico 1	5.54	.51	1.35	1.92	.40	.27	.64	.33	.00	.00	.00	.00	.12
B11B1	B50207200	37 43	120 12	1,870	Coulterville FFS	22.09	3.06	5.90	1.46	1.14	2.65	7.00	.16	.00	.40	.00	.00	.32
B14B1	B70212200	37 17	119 31	3,440	Crane Valley PH	28.05	2.28	8.88	2.61	1.10	3.69	7.42	.72	.00	.10	.00	.00	1.25
B08M0	B60228800	37 07	119 59	410	Daulton	12.29	1.19	3.21	2.21	.79	1.06	2.50	.41	.00	.51	.00	.00	.41
C01T0	C00234600	35 46	119 14	323	Delano	5.53	.52	1.26	1.28	.39	.43	.60	.00	.00	.00	.00	.00	1.05
C01L0	C00234601	35 48	119 11	394	Delano Govt Camp	6.98E	1.16	1.45	1.50E	.55E	.30	.88	.00	.00	.05	.00	.00	1.09
C01V0	C00235550	35 15	119 00	345	Del Kern Station	5.43	.04	1.45	1.27	.76	.56	.61	.03	.17	.20	.00	.00	.34
B07A0	B80236900	37 25	121 22	1,125	Del Puerto Road Camp	13.03	1.55	4.04	1.42	.93	1.40	3.23	.23	.00	.09	.00	.00	.14
B06B0	B00237500	37 07	120 44	90	Delta Ranch	5.88	.90	1.69	1.15	.32	.44	1.30	.08	.00	.00	.00	.00	.00
C01P0	C00240800	35 45	119 58	500	Devils Den SLF	5.67	.55	1.21	1.94	.28	.00	.64	.02	.00	1.00	.00	.00	.03
C01F0	C00244001	36 32	119 23	334	Dinuba Alta I D													

TABLE A-1 (CONTINUED)

MONTHLY PRECIPITATION
SAN JOAQUIN VALLEY
Volume IV
Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984 OCT	NOV	DEC	JAN	FEB	MAR	1985 APR	MAY	JUN	JUL	AUG	SEP
B10G0	B40401500	37 48	119 52	4,640	Hodgdon Meadow	40.13	4.99	11.57	2.70	1.32	4.08	12.51	1.00	.00	.14	.43	.15	1.24
B1200	B50410201	37 30	120 09	1,150	Hornitos Erickson Ranch	15.94	2.04	4.68	1.58	.74	2.00	3.88	.32	.00	.27	.00	.05	.38
B1200	B50410480	37 30	120 14	850	Hornitos USCE	13.73	1.14	4.97	1.20	.70	1.67	3.54	.10	.00	.41	.00	.00	.00
C05A2	C30412000	36 11	118 37	7,100	Hossack (Radio)	40.10	3.60	10.70	5.00	4.30	3.80	11.00	.50	.10	.40	.00	.00	.70
B14E1	B70417600	37 13	119 13	7,020	Huntington Lake	33.00	2.90	9.70	3.40	2.20	3.40	8.00	.70	.10	.50	.50	.00	1.60
C01A0	C00418800	36 16	120 06	335	Huron Ranch	6.13	.45	1.73	1.96	.60	.20	.72	.00	.00	.00	.00	.32	.15
C01A0	C00418820	36 11	120 07	400	Huron Wolf Ranch	4.58	1.33	.82	1.80	.47	.00	.16	.00	.00	.00	.00	.00	.00
C06B1	C50430300	35 38	118 28	2,660	Isabella Dam	---	.62	2.92	1.93	.68	1.16	1.71	.03	.00	.00	---	---	---
C01K0	C00431205	36 24	119 12	370	Ivanhoe Irrigation District	9.55	.69	2.51	2.07	1.00	1.49	1.30	.10	.00	.03	.02	.00	.34
B13A1	B50436900	37 32	119 50	3,605	Jerseydale G S	29.44	2.79	9.43	2.21	1.41	3.62	7.83	.99	.00	.19	.00	.02	.95
C07A0	C60446300	35 13	118 33	2,575	Keene	12.86	.27	3.08	2.30	1.50	1.06	2.59	.08	.32	.97	.00	.00	.69
C01U0	C50451300	35 26	118 47	700	Kern Canyon	---	.24	1.84	1.63	.70	.89	1.05	---	---	---	---	---	---
C06B2	C50451900	35 56	118 28	3,642	Kern River 3 Intake SCE	---	1.02	4.92	.40	.40	1.55	3.55	---	---	---	---	---	---
C06A0	C50452000	35 27	118 46	970	Kern River PH No 1	9.44	.33	2.03	1.79	.75	1.04	1.42	.05	.10	.55	.00	.00	1.38
C06B2	C50452300	35 46	118 26	2,703	Kern River PH No 3	11.00	.68	3.54	1.87	.59	1.47	2.63	.00	.00	.00	.04	.00	.18
C01N0	C00453400	35 59	119 57	310	Kettleman City	6.47	.70	1.49	2.51	.65	.00	.96	.12	.00	.03	.00	.01	.00
C01P0	C00453500	36 02	120 06	1,255	Kettleman Hills	3.65	.50	1.38	.30	.00	.62	.85	.00	.00	.00	.00	.00	.00
C01P0	C00453600	36 04	120 05	508	Kettleman Station	5.49E	.00	1.13	1.58	.80	.05	.70	.06	.03	.00	.00E	.00	1.14
C01G0	C00456407	36 31	119 33	301	Kingsburg	7.83	.70	1.76	1.73	.99	.87	1.41	.17	.00	.20	.00	.00	.00
B08D0	B00459000	37 47	120 38	315	Knights Ferry 2 ESE	14.14	1.81	3.94	1.86	1.02	1.73	2.55	.28	.00	.46	.00	.02	.47
C07C0	C60486300	34 49	118 51	3,585	Lebec	6.89	.10E	1.70	1.76	.92	.36	1.27	.12	.17	.29	.01	.00	.28
C01K0	C20489000	36 23	119 01	513	Lemon Cove	12.04	1.04	2.90	1.86	1.41	1.48	2.41	.11	.03	.04	.05	.00	.71
C01K0	C00495700	36 11	119 04	395	Lindsay	9.35	.51	2.01	1.83	1.27	1.09	1.68	.07	.38	.01	.00	.00	.50
B08H0	B00499903	37 22	120 47	112	Livingston 5 W	7.34	.02	2.50	1.65	.47	.60	1.59	.22	.00	.19	.00	.01	.09
C04B2	C20502600	36 36	118 44	6,735	Lodgepole	40.97	2.04	10.89	4.77	3.82	6.04	9.94	.12	.15	.37	.72	.00	2.11
C07A0	C60509800	35 18	118 26	2,720	Lorraine	---	---	---	---	---	---	---	---	.00	.50	.00	.00	---
B06B0	B00511600	36 59	120 50	175	Los Banos 5 S	5.67	.54	1.75	1.40	.56	.28	1.01	.00	.00	.12	.00	.00	.01
B06B0	B00511700	37 00	120 53	160	Los Banos Field Station	5.78	.64	1.80	1.49	.41	.30	1.01	.02	.00	.09	.00	.00	.02
B06B0	B00511800	37 03	120 51	125	Los Banos	7.04	.71	2.53	1.58	.56	.35	1.13	.05	.00	.12	.00	.00	.01
B07D1	B80511900	36 52	120 56	860	Los Banos Arburua	7.45	.74	2.64	1.24	.62	.38	1.65	.04	.00	.08	.02	.00	.04
B06B0	B80512000	37 01	120 56	407	Los Banos Det Res	5.59	.63	1.71	1.19	.47	.30	1.18	.03	.00	.08	.00	.00	.00
C01Q0	C00515100	35 37	119 41	285	Lost Hills	3.85E	.21	.93E	1.56E	.38	.01	.30	.01	.00	.25	.00	.00E	.20E
C01Q0	C00515130	35 36	119 41	312	Lost Hills DWR	4.64	.38	1.14	2.04	.51	.05	.40	.01	.00	.00	.00	.00	.11
B08L0	B00523300	36 58	120 04	268	Madera	9.4	.87	2.37	2.12	.59	.71	1.65	.52	.00	.34	.00	.12	.11
B08L0	B00523303	36 55	120 01	270	Madera ID Yard	8.75	.75	2.08	2.17	.61	.47	1.58	.57	.00	.24	.08	.09	.11
B13A1	B50525670	37 31	119 50	270	Magoon	24.30	2.60	7.60	.20	1.20	3.50	7.40	.90	.00	.20	.00	.00	.70
C01X0	C00525700	35 21	118 55	440	Magunden	5.65	.18	1.12	1.23	.69	.45	.68	.00	.23	.45	.00	.00	.62
B08A0	B00530300	37 48	121 12	40	Manteca	10.60	1.47	3.94	1.95	.50	.00	2.08	.21	.00	.23	.00	.00	.22
C01W0	C70533800	35 04	118 22	680	Maricopa	6.35	.00	1.63	.86	.71	1.21	.99	.10	.03	.42	.00	.00	.40
C01W0	C70533801	35 04	119 24	885	Maricopa FS	7.09	.05	1.47	2.28	1.05	.42	.90	.11	.00	.10	.00	.00	.71
C01X0	C00533830	35 06	119 22	509	Maricopa 3NE	6.07	.01	1.33	1.89	.96	.51	1.02	.00	.00	.30	.00	.00	.05
C01X0	C00533860	35 03	119 14	594	Maricopa 9E	6.56	.00	1.26	1.89	1.69	.67	.75	.03	.00	.19	.00	.00	.08
B1200	B50535200	37 30	119 59	2,100	Mariposa Ranger Station	23.79	3.05	6.89	1.66	.84	3.64	5.15	.73	.00	.25	.00	.05	1.53
B10E0	B40540000	37 53	119 51	4,518	Mather	26.47	3.31	8.12	1.77	.98	3.07	5.97	1.03	.00	.15	.00	.14	1.93
C01Q0	C70548001	35 18	119 37	1,051	McKittrick FS	5.96E	.20	1.66	2.13	.65	.27	.43	.02	.00	.00	.60	.00E	---
B06B0	B00552600	36 46	120 23	172	Mendota 1 NNW	6.04	.55	1.05	2.67	.60	.10	.61	.09	.00	.29	.02	.03	.03
B06B0	B00552800	36 47	120 22	166	Mendota Dam	5.72	.55	1.05	2.67	.60	.09	.62	.14	.00	.00	.00	.00	.00
C01A0	C00552604	36 39	120 27	261	Mendota Murietta Ranch	5.57	.19	1.07	2.25	.73	.19	1.14	.00	.00	.00	.00	.00	.00
B08H0	B00553400	37 17	120 21	212	Merced Fancher Ranch	9.34	1.46	2.14	1.70	.51	.87	1.89	.09	.00	.45	.00	.10	.13
C07C0	C60566905	34 51	119 11	5,800	Mil Potrero	1.31	.05	.56	.00	.00	.02	.05	.07	.00	.02	.04	.00	.50
C05A1	C30566900	36 17	118 46	3,400	Milo 5 NE	28.10	3.30	7.60	3.70	3.40	4.10	4.30	.30	.00	.50	.00	.00	.90
C04A1	C20570800	36 40	119 05	3,005	Miramonte Honor Camp	33.67	1.13	6.5										

TABLE A-1 (CONTINUED)

 MONTHLY PRECIPITATION
 SAN JOAQUIN VALLEY
 Volume IV
 Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984					1985						
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
B06B0	B80784600	37 03	121 04	277	San Luis Dam	7.61	.90	2.48	1.20	.97	.50	1.34	.10	.00	.12	.00	.00	.00
B06B0	B00785500	37 06	120 42	99	San Luis Canal Co Hq	---	.77	1.77	1.66	.41	.33	1.43	.11	.00	---	.00	.00	.00
B08J0	B00831600	37 31	120 26	259	Snelling	12.32	1.53	4.24	1.50	.79	.93	2.63	.18	.00	.52	.00	.00	.00
B0300	B00832200	37 57	120 49	240	Snow Ranch	12.06	1.45	4.03	1.68	1.00	.90	2.29	.14	.00	.28	.00	.00	.29
B10B1	B40835300	37 59	120 23	1,745	Sonora Ranger Station	28.28	2.76	8.52	2.26	1.37	3.18	6.54	.73	.00	.23	.00	.09	2.60
C01Q0	C00837550	35 27	119 42	575	South Belridge	---	.33	.00	2.55	1.12	.00	---	---	---	---	---	---	---
B06B0	B00837800	36 57	120 38	116	South Dos Palos	7.10	.90	2.02	1.84	.60	.27	1.27	.00	.00	.20	.00	.00	.00
B11D0	B50838000	37 30	119 37	5,120	So Entrance Yosemite	23.03	2.53	7.49	1.73	.85	2.35	6.48	.29	.01	.27	.00	.00	1.03
B09C0	B30845000	38 10	120 06	3,000	Spring Gap Forebay	---	3.52	9.69	2.02	1.32	3.40	7.03	.00	.59	---	---	---	---
C05A1	C30846000	36 08	118 49	1,050	Springville Ranger Station	15.70	.70	4.10	2.00	1.50	1.90	2.80	.00	.30	.60	.00	.00	1.80
C05A2	C30846300	36 12	118 39	4,070	Springville Tule HDW	---	3.30	9.60	5.20E	3.30E	5.50	---	.41E	.40	.30	.10	.00	1.10
C03C0	C10847480	36 44	119 12	1,750	Squaw Valley Fr	16.83	1.13	4.74	2.06	1.02	2.54	4.03	.22	.00	.10	.04	.00	.95
B09B1	B30849900	38 08	120 22	1,130	Stanislaus Power House	26.70	3.39	8.42	2.40	1.36	2.35	6.76	.18	.00	.12	.00	.08	1.64
C05A1	C30862000	36 03	118 55	590	Success Dam	---	.60	2.47	1.55	1.00	.86	1.99	.06	.19	.01	---	---	---
C01W0	C70875200	35 09	119 28	1,025	Taft	---	.20E	1.53E	---	.82E	.30	.49	.27	.00	.25	.07	.00E	---
C01W0	C70875500	35 08	119 28	1,030	Taft KTKR Radio	5.49	.15	1.07	1.68	.86	.36	.64	.25	.02	.07	.00	.00	.39
C07A0	C60882600	35 08	118 27	3,975	Tehachapi	10.32	.31	1.91	3.25	1.17	1.09	1.37	.12	.10	.52	.00	.00	.48
C07A0	C60883200	35 08	118 27	3,975	Tehachapi Airport	---	.20	2.00	2.70	1.10	.90	.80	.00	.10	.50E	---	---	---
C07B0	C00883900	35 01	118 44	1,425	Tejon Rancho	9.70	.31	2.33	2.06	1.54	1.59	.31	.00	.18	.11	.00	.00	1.27
C01K0	C20886800	36 24	119 00	965	Terminus Dam	---	.92	3.02	1.90	1.54	1.69	2.53	.07	.02	.04	---	---	---
C04B2	C20891700	36 27	118 51	1,140	Three Rivers PH No 1	---	1.87	6.52	3.18	2.79	3.85	5.31	.25	---	.07	.06	.00	2.14
C04B4	C20891200	36 22	118 51	2,200	Three Rivers 6 SE	19.60	1.90	4.60	2.90	2.10	2.20	4.10	.20	.10	.20	.10	.00	1.20
C03A0	B70895100	37 01	119 24	1,970	Tollhouse	20.64	1.56	5.53	3.01	1.06	2.90	5.33	.40	.00	.20	.00	.00	.65
C03B1	C10902500	36 54	119 17	736	Trimmer R S	19.29	1.27	5.96	2.81	.60	2.70	5.64	.20	.00	.09	.02	.00	.00
C01K0	C00905100	36 13	119 20	293	Tulare	6.57	.42	1.84	1.51	.65	.65	1.14	.08	.05	.03	.01	.00	.19
C05A1	C30906000	36 08	118 47	1,240	Tule River Power House	---	.95	5.22	2.04	1.90	1.47	3.78	---	---	---	---	---	---
B09B2	B30906200	37 52	120 36	515	Tulloch Dam	17.91	1.91	6.13	1.92	1.15	2.13	3.72	.02	.00	.40	.00	.03	.50
B10B1	B40906290	37 57	120 13	2,690	Tuolumne Maint. Yard	27.34	3.38	8.14	2.06	1.53	3.30	7.31	.45	.00	.10	.00	.00	1.07
B08E0	B00907300	37 29	120 51	115	Turlock	8.68	1.13	2.78	1.71	.42	.54	1.54	.19	.00	.14	.00	.00	.23
B08E0	B00907301	37 27	120 54	76	Turlock 5 SW	8.82	1.12	2.43	1.58	.62	.43	1.88	.39	.00	.10	.00	.00	.27
C05B0	C30912000	35 53	118 39	3,680	UHL Ranger Station	23.10	2.20	6.10	2.40	2.40	2.80	5.50	.20	.20	.30	.00	.00	1.00
C01T0	C00914500	35 32	119 32	367	U S Cotton Field Station	5.40	.18	1.03	1.29	.56	.49	.41	.00	.02	.68	.00	.00	.74
C01L0	C00930400	35 50	119 05	500	Vestal	6.48	.38	2.36	1.30	.46	.40	.62	.00	.00	.00	.00	.00	.96
C01K0	C00936700	36 20	119 18	325	Visalia	8.59	.78	2.48	1.95	.92	1.19	1.10	.12	.00	.05	.00	.00	.00
C01T0	C00945200	35 35	119 19	333	Wasco	5.83	.33	1.02	1.23	.66	.42	.61	.00	.00	.80	.00	.00	.76
B11D0	B50948200	37 33	119 39	3,985	Wawona Ranger Station	---	---	13.18E	2.40	1.00	3.00	8.00	---	.00	.40	.00	.00	1.00
C06B2	C50951200	35 40	118 18	2,680	Weldon 1 WSW	6.90	.20	1.90	1.70	.60	1.00	1.30	.00	.00	.00	.00	.00	.20
C01A0	C00956000	36 13	119 59	285	Westhaven	4.39	.51	.98	1.29	.68	.11	.69	.00	.00	.02	.00	.00	.11
B06A0	B00956500	37 33	121 12	85	Westley	6.72	.76	2.05	1.10	.64	.41	1.15	.00	.00	.18	.00	.00	.43
C01X0	C00961420	35 00	118 56	957	Wheeler Ridge 1E	7.62	.00	1.65	1.54	1.41	.87	1.39	.15	.00	.05	.00	.00	.56
C01X0	C00961430	35 00	118 50	847	Wheeler Ridge 7ESE	8.24	.07	1.76	1.76	1.06	1.21	1.40	.16	.00	.03	.00	.00	.79
C01X0	C00961410	35 04	119 05	484	Wheeler Ridge-Maricopa WSD HDQ	6.85	.02	1.65	1.74	1.11	.65	1.12	.02	.00	.05	.00	.00	.49
B1200	B60964080	37 20	120 02	984	White Rock Preston	---	.87	4.55	1.70	.39	1.90	2.70	.44	---	---	---	---	---
C01X0	C00972460	35 01	118 58	814	Wind Gap	8.40	.10	1.86	1.60	1.47	.80	1.72	.00	.00	.08	.00	.00	.77
C03B3	C10974900	37 00	118 58	6,560	Wishon Lake	---	2.26	8.75	3.34	2.63	3.70	8.98	---	---	---	---	---	---
C05D0	C40980500	35 42	118 50	1,630	Woody	7.72	.00	1.62	1.50	.60	1.14	1.89	.00	.00	.09	.00	.00	.88
B11E0	B50985500	37 45	119 35	3,985	Yosemite National Park	30.06	3.12	11.26	1.33	1.14	2.93	5.50	.73	.00	.37	2.31	.00	1.37

TABLE A-2
STORAGE GAGE PRECIPITATION DATA

Storage gages are used to record seasonal precipitation in remote regions. They consist of tanks that store an entire year's precipitation and are read annually. Although logistics preclude conducting the measurement exactly at the end of the water year, the gages reasonably depict the total precipitation for the water year since precipitation during the summer months is negligible. In preparation for a new water year, the tanks are emptied, cleaned, and supplied with antifreeze and oil to prevent freezing and loss due to evaporation. Table A-2 lists the values from the storage gages. Locations of the storage gages are shown in Figure 3.

Counties in which storage gage stations are located are identified with the code listed below:

<u>County</u>	<u>Code</u>
Alpine	ALP
Fresno	FRE
Madera	MAD
Mariposa	MPA
Tulare	TUL
Tuolumne	TUO

TABLE A-2
STORAGE GAGE PRECIPITATION DATA
San Joaquin Valley

Station Name	Station Number	Areal Code	County	Lat.	Long.	Elev.	Measurement Period	Inches Precipitation
San Joaquin River Basin								
Stanislaus River B3								
Highland Lakes	B20 3952	B04C0	ALP	38-29-48	119-47-48	8700	07/18/84 to 08/15/85	24.00
Lake Alpine	B30 4664	B09D0	ALP	38-28-42	120-00-48	7500	07/18/84 to 08/14/85	44.90
Tuolumne River B4								
Tioga Pass	B40 8931	B10E0	TUO	37-54-39	119-15-30	10000	07/26/84 to 07/09/85	110.90
Merced River B5								
Ostrander Lake	B50 6552	B11E0	MPA	37-38-00	119-15-30	8600	09/09/84 to 09/19/85	51.00
Snow Flats	B50 8318	B11F0	MPA	37-54-24	119-21-15	3800	07/17/84 to 08/16/85	45.30
Tenaya Lake	B50 8858	B11F0	MPA	37-50-14	119-27-00	8150	07/25/84 to 07/09/85	135.10
San Joaquin River B7								
Chiquito Creek	B70 1737	B14D0	MAD	37-30-20	119-23-21	7290	07/19/84 to 08/21/85	26.90
Clover Meadow	B70 1844	B14D0	FRE	37-32	119-17	7002	07/19/84 to 08/21/85	38.45
Tulare Lake Basin								
Kings River C1								
Rattlesnake Creek	C10 7259	C03B4	FRE	36-59-	118-43-	9900		
Summit Meadow	C10 8643	C03B1	FRE	37-05-12	119-12-36	6240	07/16/84 to 08/21/85	37.10
Kern River C5								
Portuguese Meadow	C50 7093	C06B2	TUL	35-48-00	118-34-00	7000	08/07/84 to 08/20/85	38.30
Wet Meadow	C50 9602	C06B4	TUL	36-20-16	118-34-16	8950	09/12/84 to 09/13/85	32.50
Tulare Lake Basin - Westside C7								
Oilfields Joaquin Rdg.	C70 6395	C02B0	FRE	36-18-00	120-24-00	3620	07/25/84 to 09/26/85	8.88

APPENDIX B

SURFACE WATER MEASUREMENT

Index to Daily Mean Discharge Table

Station Name	Station Number	Map Page	Data Page
Bear Creek at McKee Road near Merced	B05525	82	60
Bear Creek at Merced Irrigation District West Boundary	B05518	82	61
Bear Creek below Bear Reservoir near Planada	B05570	82	59
Bear Creek below Eastside Canal near Crane Ranch	B05516	82	62
Burns Creek below Burns Dam near Planada	B56100	82	63
Campbell Moreland Ditch above Porterville	C03970	85	29
Chowchilla Bypass at Head below Control Structure	B07802	84	40
Chowchilla River, West Fork, near Mariposa	B64300	82	49
Delta-Mendota Canal to Mendota Pool	B00770	84	42
Dry Creek near Modesto	B04130	82	73
Eastside Bypass below Mariposa Bypass	B00416	82	51
Eastside Bypass near El Nido	B00435	82	50
Fresno River, Lewiston Fork, near Oakhurst	B67325	83	45
Fresno River 8 miles west of Madera	B06725	84	48
Friant Kern Canal to Porter Slough	C03913	85	26
Friant Kern Canal to Tule River	C03923	85	27
Hubbs and Miner Ditch at Porterville	C03925	85	34
James River near San Joaquin	C00200	84	39
Kern River at Second Point	C05180	87	36
Kern River near Bakersfield	C05150	87	37
Kings River South Fork below Empire Wier No. 2	C01120	84	38
Mariposa Creek below Mariposa Dam	B62100	82	56
Mariposa Bypass near Crane Ranch near Merced	B00420	82	52
Mariposa Creek near Catheys Valley	B62400	82	55
Maxwell Creek at Coulterville	B51250	82	67
Merced River at Cressey	B05155	82	69
Merced River near Snelling	B05170	82	68
Miami Creek at Highway 49 near Ahwahnee	B67285	83	47
Miami Creek near Oakhurst	B67300	83	46
Orestimba Creek below Highway 33	B08735	72	70
Owens Creek at Midwest Boundary near Merced	B06151	82	58
Owens Creek below Eastside Canal near Crane Ranch	B06114	82	53
Owens Creek below Owens Dam near Planada	B06170	82	57
Panoche Drain near Dos Palos	B00975	84	65
Poplar Ditch near Porterville	C03960	85	33
Porter Slough at Porterville	C03182	85	30
Porter Slough Ditch at Porterville	C03984	85	31
Salt Slough near Stevenson	B00470	82	66
San Joaquin River at Maze Road Bridge	B07040	82	74
San Joaquin River at Patterson Bridge	B07200	82	71
San Joaquin River below Control Structure	B07798	84	41
San Joaquin River near Dos Palos	B07610	84	44
San Joaquin River near Mendota	B07710	84	43
San Joaquin River near Stevenson	B07400	82	64
Stanislaus River at Koeltz Ranch	B03115	82	76
Stanislaus River at Orange Blossom Bridge	B03175	82	75
Stockton Creek at Highway 49 near Mariposa	B62410	82	54
Tule River near Porterville	C03169	85	28
Tuolumne River at Hickman Bridge	B04150	82	72
Vandalla Ditch near Porterville	C03965	85	32
Woods Central Ditch near Porterville	C03948	85	35

APPENDIX B

SURFACE WATER MEASUREMENT

Appendix B presents the daily mean flow at designated stations in the San Joaquin Valley for the water year October 1, 1984 to September 30, 1985. The information includes, in addition to daily mean discharge, the maximum and minimum discharge and corresponding gage heights, the maximum discharge of record, station description, and other pertinent data concerning each station. A list of the stations appears on the facing page; their locations are shown on Figure 4, pages 82 through 87.

Surface water stations are named for the stream and a nearby landmark or post office, such as "Chowchilla River, West Fork, near Mariposa."

The first character of a surface water station number designates the basin in which the station is located and is one of the areal code letters shown in Figure 1. The second character, a numeric, designates a specific tributary area within the major basin. These two characters, therefore, indicate the general location of the station. Tributary areas used in this volume are:

BASIN B – SAN JOAQUIN RIVER

- Tributary area 0 – San Joaquin Valley Floor
- Tributary Area 5 – Merced River
- Tributary Area 6 – Fresno – Chowchilla Rivers

BASIN C – TULARE LAKE

- Tributary Area 0 – Tulare Lake Valley Floor

The discharge estimated for periods of no record are shown with the letter "E." Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. The discharge figures have been rounded as follows:

Daily flows – second-feet

0.0	–	9.9	nearest Tenth
10	–	999	nearest Unit
1,000	–	9,999	nearest Ten
10,000	–	99,999	nearest Hundred
100,000	–	999,999	nearest Thousand

Monthly means – second-feet

0.0	–	99.9	nearest Tenth
100	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred

Monthly and yearly totals – acre-feet

0.0	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred
1,000,000	–	9,999,999	nearest Thousand

TABLE B
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03913 FRIANT KERN CANAL TO PORTER SLOUGH

LOCATION: LAT 36-05-00, LONG 119-04-48, T21S, R27E, SEC. 20, MD B&M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	18	.0	.0	10	9.0	12	13	1
2	.0	.0	.0	.0	.0	7.0	.0	.0	10	11	10	13	2
3	.0	.0	.0	.0	.0	7.0	.0	.0	23	7.0	13	14	3
4	.0	.0	.0	.0	.0	10	.0	.0	21	11	14	14	4
5	.0	.0	.0	.0	.0	7.0	.0	.0	18	7.0	15	13	5
6	.0	.0	.0	.0	.0	5.0	.0	7.5	16	6.0	18	11	6
7	.0	.0	.0	.0	.0	5.0	.0	7.5	16	6.0	14	10	7
8	.0	.0	.0	.0	.0	3.0	.0	8.0	16	10	15	10	8
9	5.5	.0	.0	.0	.0	3.0	.0	8.0	13	14	17	10	9
10	5.5	.0	.0	.0	.0	3.0	.0	8.0	13	14	14	12	10
11	5.5	.0	.0	.0	.0	4.0	.0	7.0	13	12	9.5	12	11
12	.0	.0	.0	.0	.0	4.0	9.0	7.0	13	12	.0	10	12
13	.0	.0	.0	.0	.0	10	9.0	7.0	10	10	.0	6.0	13
14	.0	.0	.0	.0	.0	11	9.0	7.0	4.0	11	.0	.0	14
15	.0	.0	.0	.0	.0	11	19	7.0	18	17	.0	.0	15
16	.0	.0	.0	.0	.0	8.0	21	7.0	19	15	.0	.0	16
17	.0	.0	.0	.0	.0	8.0	16	4.0	9.0	14	.0	.0	17
18	.0	.0	.0	.0	.0	8.5	15	.0	4.5	13	.0	.0	18
19	.0	.0	.0	.0	.0	7.0	16	.0	5.0	15	.0	.0	19
20	.0	.0	.0	.0	.0	7.0	16	.0	.0	10	.0	.0	20
21	.0	.0	.0	.0	.0	7.0	13	.0	.0	11	.0	.0	21
22	.0	.0	.0	.0	.0	7.0	13	.0	.0	1.0	.0	.0	22
23	.0	.0	.0	.0	.0	4.0	4.5	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	4.0	1.5	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	8.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	10	.0	.0	12	.0	30
31	.0	.0	.0	.0	.0	.0	.0	11	.0	.0	12	.0	31
DAILY MEAN	.5	.0	.0	.0	.0	5.6	5.4	3.7	8.4	7.6	5.7	4.9	
MAX	5.5	.0	.0	.0	.0	18	21	11	23	17	18	14	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	33					344	321	226	499	468	348	294	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
3.5		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					2533

REMARKS:

Station is located 4 miles west of Porterville at the intersection of Porter Slough and the Friant Kern Canal.

Flows are deliveries from Friant-Kern Canal to Porter Slough.

Records are furnished by the U.S. Bureau of Reclamation and are published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1951:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	25	.00	Wed Jul 21, 1982	

TABLE B (CONTINUED) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: C03923 FRIANT-KERN CANAL TO TULE RIVER

LOCATION: LAT 36-04-24, LONG 119-05-18, T21S, R27E, SEC. 30, MD B&M

TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.10

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	17	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	23	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	21	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	23	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	28	23	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	48	40	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	70	49	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	12	49	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	49	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	49	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	65	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	74	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	74	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	44	18	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	29	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	19	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	20	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	9.7	18.5	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	70	74	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET					538	1139							

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
2.3		TIME DISCHARGE GAGE HEIGHT	TIME DISCHARGE GAGE HEIGHT	ACRE FEET
				1677

REMARKS:

Station is located approximately 4 miles west of Porterville at the intersection of the Friant-Kern Canal and Tule River.

Flows are deliveries from Friant-Kern Canal to Tule River.

Records are furnished by the U.S. Bureau of Reclamation and are published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1951:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	176	1.99	Mon Jul 21, 1980	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03169 TULE RIVER BELOW PORTERVILLE

LOCATION: LAT 36-04-42, LONG 119-06-24, T21S, R27E, SEC 30, MD B&M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	5.6E	60	35 E	63	.0	100	5.0E	5.0E	.0	163 *	.0	15 E	1
2	15 E	54	47 E	63	.0	100	5.0E	5.0E	.0	222	.0	15 E	2
3	10 E	54	58 E	58	.0	90	5.0E	5.0E	.0	351	.0	15 E	3
4	10 E	47	63	45	.0	100	5.0E	5.0E	.0	361	.0	10 E	4
5	10 E	45	80	52	.0	100	5.0E	5.0E	.0	356	.0	5.0E	5
6	10 E	23	87	60	.0	100	5.0E	5.0E	.0	341	5.0E	5.0E	6
7	15 E	12	87	73	.0	87	5.0E	10 E	.0	351	5.0E	5.0E	7
8	15 E	10	90	67	.0	87	5.0E	10 E	.0	372	5.0E	.0	8
9	20 E	10	93	67 *	35 E	78	5.0E	10 E	.0	377	5.0E	.0	9
10	20 E	9.0	93	67	40 E	83	5.0E	15 E	.0	388	5.0E	.0	10
11	20 E	7.0	93	67	45 E	87	5.0E	15 E	.0	399	.0	.0	11
12	20 E	8.0	87	70	45 E	87	5.0E	15 E	.0	330	.0	.0	12
13	15 E	10	97	73	30 E	78	5.0E	15 E	.0	222	.0	.0	13
14	10 E	9.0	103	67	.0	37	5.0E	15 E	.0	204	.0	.0	14
15	10 E	6.0	115	63	.0	10 E	5.0E	15 E	.0	204 E	.0	.0	15
16	10 E	5.0	128	63	.0	6.0E	5.0E	15 E	.0	200 E	.0	.0	16
17	10 E	10	148	61	.0	5.0E	5.0E	10 E	.0	213 E	.0	.0	17
18	15 E	12	123	61	.0	5.0E	5.0E	5.0E	.0	195	.0	.0	18
19	15	12	111	32	9.6	5.0E	5.0E	.0	.0	111	.0	.0	19
20	22	16	107	14	93 *	5.0E	10 E	.0	.0	83	.0	.0	20
21	111	21	97	3.8	119	5.0E	10 E	.0	.0	61	.0	.0	21
22	93 *	22	97	.0	157	5.0E	10 E	.0	.0	47	.0	.0	22
23	83	19	97	.0	148	5.0E	5.0E	.0	.0	27	.0	.0	23
24	61	21	97	.0	132	5.0E	5.0E	.0	.0	14	.0	.0	24
25	58	19	83	.0	132	5.0E	5.0E	.0	.0	10	.0	.0	25
26	58	14	73	.0	187	10 E	.0	.0	.0	10 E	.0	.0	26
27	63	10	80	.0	235	10 E	.0	.0	.0	7.0E	.0	.0	27
28	56	10 E	80	.0	136	5.0E	.0	.0	.0	5.0E	.0	.0	28
29	45	15 E	97	.0	--	5.0E	3.0E	.0	113	5.0E	.0	.0	29
30	40	25 E	87	.0	--	5.0E	3.0E	.0	258	5.0E	.0	.0	30
31	52	--	67	.0	--	5.0E	--	.0	--	5.0E	7.0E	--	31
DAILY													
MEAN	32.2	19.8	90.3	38.4	55.1	42.4	4.9	5.8	12.4	182	1.0	2.3	
MAX	111	60	148	73	235	100	10	15	258	399	7.0	15	
MIN	5.6	5.0	35	.0	.0	5.0	.0	.0	.0	5.0	.0	.0	
ACRE													
FEET	1979	1180	5554	2360	3062	2608	290	357	736	11190	63	139	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5				DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
40.8		TIME	DISCHARGE	GAGE HEIGHT		TIME	DISCHARGE	GAGE HEIGHT			ACRE FEET
											29518

REMARKS:

Station is located 300 feet upstream from Rockford Road, 5.1 miles west of Porterville.

Flows are regulated by upstream reservoir and diversion and include releases from Friant-Kern Canal.

Station is operated by the Tule River Association and is published as received.

The datum for this station from 1957 to 1959 is .0, local.
The datum for this station from 1959 to present is -3.4, local.

WATER YEAR 1985:

From February 27 through March 6, flows included water from the Central Valley Project.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1957:

AVERAGE/YEAR	ACRE	FLOW	GAGE	DATE	TIME
INSTANTANEOUS MAXIMUM	FEET	CFS	HEIGHT		
		8850	9.27	Wed Dec 07, 1966	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03970 CAMPBELL MORELAND DITCH ABOVE PORTERVILLE

LOCATION: LAT 36-02-42, LONG 118-57-17, T22S, R28E, SEC. 04, MD B&M

TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	16	4.2	12	.0	.0	.0	.0	17	15	16	17	18	1
2	16	.0	12	.0	.0	.0	.0	18	17	16	18	18	2
3	15	.0	12	.0	.0	.0	.0	19	17	16	18	18	3
4	15	.0	4.4	.0	.0	.0	.0	19	18	16	16	17	4
5	15	.0	.0	.0	.0	.0	.0	19	18	16	16	17	5
6	15	.0	.0	.0	.0	.0	.0	19	17	16	19	17	6
7	15	.0	.0	.0	.0	.0	.0	19	18	16	20	16	7
8	15	.0	.0	.0	.0	.0	10	19	19	16	20	16	8
9	14	.0	.0	.0	.0	.0	16	19	20	16	18	16	9
10	14	.0	.0	.0	.0	.0	16	19	20	18	17	16	10
11	13	.0	.0	.0	.0	12	17	19	20	20	16	15	11
12	13	.0	.0	.0	.0	18	17	19	20	18	16	12	12
13	12	.0	.0	.0	.0	18	17	19	19	18	18	11	13
14	12	.0	.0	.0	.0	16	17	19	18	17	18	13	14
15	12	.0	.0	.0	.0	15	16	17	16	16	18	14	15
16	12	.0	.0	.0	.0	15	15	16	15	17	18	15	16
17	12	.0	.0	.0	.0	14	15	16	15	17	18	16	17
18	15	.0	.0	.0	.0	14	16	16	16	16	17	18	18
19	14	.0	.0	.0	.0	14	16	16	18	16	17	18	19
20	14	7.6	.0	.0	.0	14	17	16	18	17	17	18	20
21	14	12	.0	.0	.0	15	17	16	17	17	17	19	21
22	14	13	.0	.0	.0	15	17	16	15	16	16	19	22
23	13	13	.0	.0	.0	15	16	16	15	16	16	6.0	23
24	13	13	.0	.0	.0	15	16	16	15	16	16	.0	24
25	13	13	.0	.0	.0	15	16	16	15	16	16	.0	25
26	13	13	.0	.0	.0	6.0	16	16	15	16	16	.0	26
27	13	13	.0	.0	.0	.0	16	15	15	17	16	.0	27
28	13	12	.0	.0	.0	.0	16	15	16	17	16	.0	28
29	13	12	.0	.0	--	.0	16	15	16	17	18	.0	29
30	13	12	.0	.0	--	.0	17	16	16	16	19	9.7	30
31	13	--	.0	.0	--	.0	--	16	--	16	18	--	31
DAILY													
JAN	13.7	4.6	1.3	.0	.0	7.5	12.3	17.2	17.0	16.6	17.4	12.4	
FEB	16	13	12	--	--	18	17	19	20	20	20	19	
MAR	12	.0	.0	.0	.0	.0	.0	15	15	16	16	.0	
APR	841	273	80			458	730	1057	1010	1020	1069	739	

MIN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
10.1		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					7277

REMARKS:

Station is located 3.9 miles southeast of Porterville approximately 2600 feet downstream from ditch head.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1963 to present is -2.0, local.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1942:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03182 PORTER SLOUGH AT PORTERVILLE

LOCATION: LAT 36-03-30, LONG 118-59-06, T21S, R28E, SEC. 31, MD B&M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.10

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	25	.0	.0	40	.0	.0	.0	.0	.0	31 *	13	.0	1
2	26	.0	.0	40	.0	.0	.0	.0	.0	24	24	.0	2
3	26	.0	.0	38	.0	.0	.0	.0	.0	20	34	5.2	3
4	26	.0	.0	35	.0	.0	.0	.0	.0	22	38	25	4
5	26	.0	.9	35	.0	.0	.0	.0	.0	22	38 *	28	5
6	9.8	.0	29	35	.0	.0	.0	.0	.0	23	29	29	6
7	.0	.0	32	37	.0	.0	.0	.0	.0	24	22	30	7
8	.0	.0	30	37	.0	.0	.0	.0	.0	25	21	33	8
9	.0	.0	33	36 *	.0	.0	.0	.0	.0	26	20	32	9
10	.0	.0	33	35	.0	.0	.0	.0	5.3	26	18	31	10
11	.0	.0	37	35	.0	.0	.0	.0	32	26	15	24	11
12	.0	.0	29	35	24	.0	.0	.0	40 *	20	2.9	14	12
13	.0	.0	25 E	35	50	.0	.0	.0	21	24	.0	13	13
14	.0	.0	10 E	35	50	.0	.0	.0	24	25	.0	11	14
15	.0	.0	15 E	35 *	50 *	.0	.0	.0	7.8	25	.0	11	15
16	.0	.0	39	35	47	.0	.0	.0	16	27	.0	16	16
17	.0	.0	35	35	20	.0	.0	.0	32 *	26	.0	19	17
18	.0	.0	35	16	10 E	.0	.0	.0	40	23	.0	6.0	18
19	.0	.0	37	.0	10 E	.0	.0	.0	51	18	.0	.0	19
20	.0	.0	37	.0	5.0E	.0	.0	.0	41	16	.0	.0	20
21	.0	.0	36	.0	.0	.0	.0	.0	6.4	14	.0	.0	21
22	.0	.0	36	.0	.0	.0	.0	.0	.0	2.3	.0	.0	22
23	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	38	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	38	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	39	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	38	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	39	.0	--	.0	.0	.0	9.2	.0	15 *	.0	30
31	.0	--	40	.0	--	.0	--	.0	--	3.2	.0	--	31
DAILY MEAN	4.5	.0	28.1	20.3	9.5	.0	.0	.0	10.9	15.9	9.4	11.1	
MAX	26	--	40	40	50	--	--	--	51	31	38	35	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	275		1729	1248	528				646	977	575	659	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5			INSTANTANEOUS MINIMUM FLOW, 1984-5			TOTAL
		TIME	DISCHARGE	GAGE HEIGHT	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
9.2								6637

REMARKS

Station is located at "B" lane in eastern Porterville.

This is a regulated diversion from Tule River.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1957 to present is .0, local.

* - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1942:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03984 PORTER SLOUGH DITCH AT PORTERVILLE

LOCATION: LAT 36-04-06, LONG 119-01-30, T21S, R27E, SEC. 26, MD B&M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.10

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.4	.0	1
2	6.8	.0	.0	.0	.0	.0	.0	.0	.0	5.3	11	.0	2
3	7.5	.0	.0	.0	.0	.0	.0	.0	.0	7.2	12	.0	3
4	7.2	.0	.0	.0	.0	.0	.0	.0	.0	7.8	12	4.5	4
5	6.6	.0	.0	.0	.0	.0	.0	.0	.0	8.4	12	7.8	5
6	3.8	.0	.0	.0	.0	.0	.0	.0	.0	8.3	12	6.2	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	10	4.9	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	9.8	5.5	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	8.8	6.6	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	8.0	7.5	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	7.6	8.7	11
12	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.8	3.2	4.6	12
13	.0	.0	.0	.0	.0	.0	.0	.0	7.6	10	.0	4.7	13
14	.0	.0	.0	.0	.0	.0	.0	.0	8.9	12	.0	4.5	14
15	.0	.0	.0	.0	.0	.0	.0	.0	4.9	13	.0	4.3	15
16	.0	.0	.0	.0	.0	.0	.0	.0	4.5	12	.0	4.4	16
17	.0	.0	.0	.0	.0	.0	.0	.0	8.9	13	.0	5.2	17
18	.0	.0	.0	.0	.0	.0	.0	.0	13	12	.0	3.6	18
19	.0	.0	.0	.0	.0	.0	.0	.0	16	9.3	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	13	9.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	5.6	9.4	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	30
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MEAN	1.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.6	2.6	2.8	
MAX	7.5	.0	.0	.0	.0	.0	.0	.0	16	13	12	8.7	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL FEET	73								176	409	224	165	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
1.4		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					1047

REMARKS:
Station is located 0.5 miles west of Porterville Post Office, 150 feet downstream from head.
This is a regulated diversion from Tule River.
Station is operated by the Tule River Association and record is published as received.
The datum for this station from 1943 to present is .0, local.
- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING	1943	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR						
INSTANTANEOUS MAXIMUM						

No instantaneous maximum data is available for this station

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03963 VANDALIA DITCH NEAR PORTERVILLE

LOCATION: LAT 36-03-00, LONG 119-58-18, T21S, R20E, SEC. 05, MD 56M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.20

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	1.1*	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	2.7E	.5	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	4.0E*	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	4.0	3.9	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET					21	94							

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.2		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					115

REMARKS:

Station is located 2.8 miles southwest of Porterville, 1000 feet downstream from head.
This is regulated diversion from Tule River.
Station is operated by the Tule River Association and records are published as received.
The datum for this station from 1948 to present is .0, local.
E - Estimated. NF - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING	1948:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR						
INSTANTANEOUS MAXIMUM			No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03960 POPLAR DITCH NEAR PORTERVILLE

LOCATION: LAT 36-03-12, LONG 119-00-54, T21S, R22E, SEC. 36, MD B&M

TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.10

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
101		39	64	51	.0	82	30	43	106	81	29	51	1
100		14	64	50	.0	81	49	67	114	106	36	52	2
101		14	64	49	4.2	81	50	92	113	123	38	51	3
101		14	64	49	26	81	50	94	116	124	39	49	4
102		17	64	49	34	81	50	95	116	124	40	49	5
103		16	64	49	33	57	50	92	116	124	45	48	6
102		16	64	49	33	48	50	90	116	123	48	48	7
101		16	64	49	34	48	49	96	115	123	48	47	8
103		15	64	50	44	48	47	97	115	123	47	45	9
104		15	63	50	41	48	47	98	116	124	47	44	10
94		15	63	50	36	31	47	99	120	119	43	41	11
84		15	62	49	36	33	50	98	116	39	34	28	12
62		16	60	48	36	35	55	99	113	19	16	24	13
51		33	60	48	37	35	53	92	119	20	9.0	25	14
48		54	60	48	37	33	26	37	53	24	9.2	24	15
44		50	59	48	37	28	13	16	19	27	9.2	34	16
47		45	58	48	38	28	13	15	15	27	9.2	43	17
72		45	56	42	43	26	13	15	18	25	9.8	51	18
77		47	56	12	75	24	13	16	21	25	11	65	19
73		42	56	.3	100	24	13	17	22	25	11	69	20
77		41	56	.0	108	24	13	18	11	24	11	82	21
84		37	56	.0	107	24	13	17	4.9	11	12	89	22
84		36	56	.0	90	21	15	17	4.5	6.3	10	103	23
84		31	56	.0	86	19	12	19	4.5	6.0	10	113	24
85		26	56	.0	85	15	12	18	4.5	5.8	10	115	25
82		26	55	.0	84	12	11	17	4.4	5.8	10	111	26
82		28	55	.0	83	12	6.8	17	4.3	5.6	10	114	27
87		30	54	.0	82	12	4.9	11	6.3	5.6	10	76	28
88		47	53	.0	--	12	5.3	19	13	5.4	30	50	29
88		62	52	.0	--	12	20	36	68	5.4	50	50	30
88		---	52	.0	--	12	--	62	--	11	54	--	31
JLY													
AN	83.8	30.1	59.0	28.7	51.8	36.4	29.2	52.2	62.8	52.2	25.7	59.9	
X	104	62	64	51	108	82	53	99	120	124	54	115	
N	44	14	52	.0	.0	12	4.9	11	4.3	5.4	9.0	24	
RE													
ET	5155	1789	3630	1762	2974	2235	1740	3211	3738	3207	1578	3562	

AN FLOW DATE INSTANTANEOUS MAXIMUM FLOW, 1984-5 DATE INSTANTANEOUS MINIMUM FLOW, 1984-5 TOTAL
47.6 TIME DISCHARGE GAGE HEIGHT TIME DISCHARGE GAGE HEIGHT ACRE FEET
34481

MARKS:

Station is located 1.0 mile south of Porterville, 4700 feet downstream from head.

Is a regulated diversion from the Tule River.

Station is operated by Tule River Association and records are published as received.

• datum for this station from 1942 to present is .0, local.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1942:

ACRE FEET FLOW CFS GAGE HEIGHT DATE TIME
AVERAGE/YEAR
INSTANTANEOUS MAXIMUM No instantaneous maximum data is available for this station

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03923 HUBBS+MINER DITCH AT PORTERVILLE

LOCATION: LAT 36-03-36, LONG 119-02-08, T21S, R27E, SEC. 34, MD B4M

TULARE COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	5.4	.0	.0	.0	.0	.0	.0	6.4	1.3	6.5	5.4	3.5	1
2	5.4	.0	.0	.0	.0	.0	.0	7.4	.0	9.7	8.2	3.9*	2
3	5.7	.0	.0	.0	.0	.0	.0	8.5	.0	7.2	11	4.7	3
4	5.7	.0	.0	.0	.0	.0	.0	8.6	.0	.0	12	4.5	4
5	5.8	.0	.0	.0	.0	.0	.0	8.6	.0	3.4	12 *	4.0	5
6	5.9	.0	.0	.0	.0	.0	.0	6.4	.0	11	10	3.5	6
7	5.7	.0	.0	.0	.0	.0	.0	4.0	.0	11	10	2.9	7
8	6.3	.0	.0	.0	.0	.0	.0	.0	.0	11	10	2.6	8
9	6.6	.0	.0	.0	.0	.0	.0	.0	.0	10	7.3	1.5	9
10	6.6	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.4	.0	10
11	6.7	.0	.0	.0	.0	.0	1.0	.0	5.8	4.9	5.5	.0	11
12	3.3	.0	.0	.0	.0	.0	5.2*	.0	6.8*	1.0	2.6	.0	12
13	.0	.0	.0	.0	.0	.0	6.7	.6E	9.2	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	7.0	3.2E	9.4	.6	.0	.0	14
15	.0	.0	.0	.0	.0	.0	8.0	5.9E	7.1	7.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	7.8	6.6	6.4	12	.0	.0	16
17	.0	.0	.0	.0	.0	.0	7.7	5.7	5.3	11	.0	.0	17
18	.0	.0	.0	.0	.0	.0	6.4	5.6	5.4	11	.0	.0	18
19	.0	.0	.0	.0	.0	.0	6.0	5.7	8.1	9.6	.0	.0	19
20	.0	.0	.0	.0	.0	.0	3.5	5.6	8.6	8.8	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	9.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	4.4	.0	.5	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	8.3	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	8.4	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	7.4	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	7.3	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.5	.0	29
30	.0	.0	.0	.0	--	.0	.6	.5	.5	.0	2.7	.0	30
31	.0	--	.0	.0	--	.0	--	1.5	--	1.9	3.0	--	31
DAILY MEAN	2.2	.0	.0	.0	.0	.0	2.0	4.5	2.6	5.0	3.4	1.0	
MAX	6.7	--	--	--	--	--	8.0	8.6	9.4	12	12	4.7	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	137						119	275	156	306	209	62	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
1.7		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					1264

REMARKS:

Station is located 1.1 miles southwest of Porterville, 3000 feet downstream from head.

This is regulated diversion from Tule River.

Station is operated by Tule River Association and record is published as received.

The datum for this station from 1942 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1942:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM				

No instantaneous maximum data is available for this station.

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03948 WOODS CENTRAL DITCH NEAR PORTERVILLE

LOCATION: LAT 36-04-18, LONG 119-03-54, T21S, R27E, SEC. 30, MD B&M

TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	62	41	45	.0	.0	.0	.0	166	181 *	.0	.0	1
2	.0	60	41	44	.0	.0	.0	.0	197	232	.0	.0	2
3	.0	58	41 *	44	.0	.0	.0	.0	213	250	.0	.0	3
4	.0	58	42	44	.0	.0	.0	.0	213	255	.0	.0	4
5	.0	34	42	44	.0	.0	.0	.0	231	254	.0	.0	5
6	.0	.0	43	44	.0	.0	.0	.0	248	255	.0	.0	6
7	.0	.0	43	45	.0	.0	.0	.0	257	256	.0	.0	7
8	30	.0	43	45	.0	.0	.0	.0	260	256	.0	.0	8
9	108	.0	43	45	.0	.0	.0	.0	262	257	.0	.0	9
10	103 *	.0	43	45	.0	.0	.0	.0	259	257	.0	.0	10
11	100	.0	43	45	.0	.0	.0	.0	240	60	.0	.0	11
12	50	.0	43	45	34	.0	.0	.0	254	.0	.0	.0	12
13	.0	.0	44	45	83	.0	.0	.0	260	.0	.0	.0	13
14	.0	.0	44	45	99 *	.0	.0	.0	244 *	.0	.0	.0	14
15	.0	.0	44	44 *	104	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	44	44	97	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	44	44	109	.0	.0	.0	.0	.0	.0	.0	17
18	20	.0	43	43	128	.0	.0	.0	.0	.0	.0	.0	18
19	65	.0	44	16	137	.0	.0	.0	.0	.0	.0	.0	19
20	66	.0	44	.0	143	.0	.0	.0	.0	.0	.0	.0	20
21	68	.0	44	.0	137	.0	.0	.0	.0	.0	.0	.0	21
22	67 *	.0	44	.0	132	.0	.0	.0	.0	.0	.0	.0	22
23	69	.0	44	.0	130	.0	.0	.0	.0	.0	.0	.0	23
24	75	.0	44	.0	128	.0	.0	.0	.0	.0	.0	.0	24
25	80	.0	44	.0	131	.0	.0	.0	.0	.0	.0	.0	25
26	81	.0	44	.0	140	.0	.0	.0	.0	.0	.0	.0	26
27	81	20 E	45	.0	71	.0	.0	.0	.0	.0	.0	.0	27
28	80	38	44	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	80	36	44	.0	--	.0	.0	.0	57	.0	.0	.0	29
30	80	41	44	.0	--	.0	.0	.0	93	.0	.0	.0	30
31	72	--	44	.0	--	.0	--	82	--	.0	.0	--	31
DAILY													
MIN	44.4	13.6	43.4	26.3	64.4	.0	.0	2.6	115	81.1	.0	.0	
MAX	108	62	45	45	143	--	--	82	262	257	--	--	
MEAN	.0	.0	41	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	2727	807	2666	1619	3576			163	6851	4984			

MIN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
32.3	DATE TIME DISCHARGE GAGE HEIGHT	DATE TIME DISCHARGE GAGE HEIGHT	ACRE FEET
			23393

REMARKS:

Station is located 4.5 miles west of Porterville 100 feet downstream from head.

This is a regulated diversion from Tule River.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1942 to present is .0, local.

WATER YEAR 1985:

From March 15 through March 16, flows included water from the Central Valley Project.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1948:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR	No instantaneous maximum data is available for this station.			
INSTANTANEOUS MAXIMUM				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C05180 KERN RIVER AT SECOND POINT

LOCATION: LAT 35-18-02, LONG 119-15-42, T30S, R25E, SEC. 23, MD B4M

KERN COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: C-01.V0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	68	.0	.0	248	.0	.0	46	231	216	156	1
2	.0	.0	48	.0	.0	220	.0	.0	44	261	177	140	2
3	.0	.0	29	.0	.0	200	.0	.0	55	325	159	139	3
4	.0	.0	40	.0	.0	164	.0	.0	67	373	136	129	4
5	.0	.0	51	.0	.0	74	.0	.0	117	353	130	115	5
6	.0	.0	43	.0	38	69	.0	3.0	112	333	167	36	6
7	.0	.0	42	.0	102	73	.0	5.0	102	349	244	48	7
8	.0	.0	44	.0	196	96	.0	3.0	157	349	235	59	8
9	.0	.0	33	.0	284	85	.0	2.0	235	302	211	47	9
10	.0	.0	22	.0	230	78	.0	.0	255	308	231	68	10
11	.0	.0	3.0	.0	235	43	.0	.0	264	266	218	105	11
12	.0	.0	.0	.0	259	.0	.0	1.0	297	363	190	88	12
13	.0	.0	.0	.0	274	.0	.0	.0	369	301	185	106	13
14	.0	.0	.0	.0	255	.0	.0	.0	390	291	177	74	14
15	.0	13	.0	.0	257	.0	.0	.0	400	307	127	69	15
16	.0	.0	.0	.0	337	.0	.0	.0	402	285	144	60	16
17	.0	.0	.0	.0	361	.0	.0	.0	377	234	157	46	17
18	.0	6.0	.0	.0	364	.0	.0	.0	367	239	100	123	18
19	.0	.0	.0	.0	329	.0	.0	.0	349	236	72	133	19
20	.0	.0	.0	.0	317	.0	.0	.0	298	277	73	138	20
21	.0	.0	.0	.0	324	.0	.0	.0	262	317	114	140	21
22	.0	.0	.0	.0	287	.0	.0	.0	251	333	222	135	22
23	.0	.0	.0	.0	276	.0	.0	.0	206	341	260	126	23
24	.0	.0	.0	.0	278	.0	.0	.0	231	336	267	103	24
25	.0	.0	.0	.0	285	.0	.0	.0	205	346	242	72	25
26	.0	.0	.0	.0	282	.0	.0	.0	149	364	238	78	26
27	.0	.0	.0	.0	291	90	.0	.0	153	363	265	79	27
28	.0	.0	.0	.0	271	55	.0	20	189	350	231	46	28
29	.0	10	.0	.0	--	16	.0	44	189	347	197	.0	29
30	.0	66	.0	.0	--	.0	.0	47	198	335	209	.0	30
31	.0	--	.0	.0	--	.0	--	43	--	267	210	--	31
DAILY MEAN	.0	3.2	13.6	.0	219	48.7	.0	5.4	225	316	187	88.6	
MAX	--	66	68	--	364	248	--	47	402	373	267	156	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	44	231	72	.0	
ACRE FEET		188	839		12160	2997		333	13360	19400	11510	5272	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
91.3		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					66059

REMARKS:

Station is located 0.5 west of Highway 43.

Station is operated by Buena Vista Water Storage District.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 0000:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C05150 KERN RIVER NEAR BAKERSFIELD

LOCATION: LAT 35-25-54, LONG 118-56-43, T29S, R28E, SEC. 02, MD B4M

KERN COUNTY

DRAINAGE AREA: 2406.9 SQ MILES

HYDROLOGIC AREA: C-01.V0

DATE YEAR OCTOBER 1964 thru SEPTEMBER 1965

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	732	604	899	630	464	1160	781	1080	1030	1690	1690	787	1
2	764	716	884	627	461	1110	890	1100	1020	1660	1550	818	2
3	727	740	888	634	463	1000	934	1120	1010	1740	1370	810	3
4	704	723	884	671	445	1040	902	1080	983	1800	1310	748	4
5	735	714	951	691	449	934	800	1020	1130	1820	1390	688	5
6	804	781	977	677	483	882	732	1080	1290	1760	1540	592	6
7	812	747	985	768	583	903	785	1080	1370	1760	1700	555	7
8	733	825	1030	747	679	951	1030	1110	1380	1840	1540	538	8
9	708	811	1050	722	807	918	1070	1100	1540	1800	1400	554	9
10	762	798	1010	710	726	907	1150	1060	1670	1770	1360	584	10
11	746	783	954	707	761	1020	1180	988	1730	1860	1350	593	11
12	636	791	954	713	841	1020	1130	1020	1860	1810	1400	490	12
13	688	700	924	689	836	1020	1060	1210	1960	1700	1410	411	13
14	679	441	920	682	810	936	1030	1300	2050	1770	1400	349	14
15	672	478	946	710	924	903	1130	1350	2020	1880	1320	364	15
16	670	471	632	825	1040	866	1130	1350	2040	1900	1250	461	16
17	662	444	541	822	1080	859	1090	1290	2110	1840	1150	523	17
18	649	521	501	844	1130	848	943	1240	2180	1820	1100	615	18
19	471	464	545	849	1090	771	890	1300	2190	1780	1080	574	19
20	640	460	611	760	1120	784	752	1400	2070	1740	1080	544	20
21	630	523	635	483	1120	764	755	1390	1980	1720	1140	526	21
22	644	505	632	475	1100	769	869	1290	1850	1760	1230	571	22
23	660	462	630	459	1120	717	861	1230	1770	1800	1220	672	23
24	646	551	627	453	1140	699	861	1210	1790	1860	1120	672	24
25	634	588	631	476	1180	745	960	1150	1700	1880	1080	635	25
26	621	532	630	620	1220	799	948	1090	1580	1890	1130	643	26
27	644	556	630	644	1240	970	901	1160	1570	1870	1090	658	27
28	616	631	632	631	1210	793	862	1200	1640	1910	1040	569	28
29	617	654	654	540	--	702	946	1240	1620	1990	983	523	29
30	578	882	652	528	--	670	1010	1220	1640	1740	934	565	30
31	553	--	651	447	--	669	--	1130	--	1790	843	--	31
DAY	679	630	777	653	876	875	947	1180	1659	1805	1265	588	
ME	812	882	1050	849	1240	1160	1180	1400	2190	1990	1700	818	
MA	553	441	501	447	445	669	732	988	983	1660	843	349	
MI													
AC													
FE	41730	37480	47780	40130	48640	53810	56370	72570	98720	111000	77750	34970	

ME FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
996		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					720950

REMARKS:

Station located 5.8 miles northeast of Bakersfield.

Station is also known as "Kern River at First Point".

Station is operated by the Kern County Water-Master and records are published as received.

Elevation for this station from 1893 to present is .0, mean sea level.

E Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING	1893:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR						
INSTANTANEOUS MAXIMUM			9290	454.94	Wed Dec 06, 1967	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C01120 KINGS RIVER SOUTH FORK BELOW EMPIRE WIER NO2
 LOCATION: LAT 36-10-00, LONG 119-49-48, T20S, R20E, SEC. 20, MD 54M
 DRAINAGE AREA:

KING COUNTY
 HYDROLOGIC AREA: C-01.J0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	99	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	137	70	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	158	125	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	107	134	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	73	138	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	81	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	99	47	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	45	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	19	107	59	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	97	36	122	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	96	.0	143	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	88	.0	160	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	83	.0	220	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	143	.0	202	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	175	.0	179	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	146	.0	146	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	88	44	146	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	78	179	146	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	162	185	150	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	169	179	189	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	169	165	156	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	185	164	119	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	189	156	34	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	145	165	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	131	146	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	152	122	17	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	202	110	68	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	169	91	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	110	113	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	63	122	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	119	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	95.3	99.1	96.6	.0	
MAX	--	--	--	--	--	--	--	--	202	185	220	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET									5671	6093	5940		

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
24.5		TIME DISCHARGE GAGE HEIGHT	TIME DISCHARGE GAGE HEIGHT	ACRE FEET
				17704

REMARKS:

Station is located 1.0 mile southwest of Stratford. South Fork Kings River is tributary to the Tulare Lake area.
 Record furnished by Kings River Water Association and is published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1937:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	4102	.00	Thu Jun 12, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C00200 JAMES BYPASS NEAR SAN JOAQUIN

LOCATION: LAT 36-39-09, LONG 120-10-49, T15S, R16E SEC. 01, MD B&M

FRESNO COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.80

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
3	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MIN MAX MEAN FEET	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	.0 -- .0	

MIN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5			DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5			TOTAL
.0		TIME	DISCHARGE	GAGE HEIGHT		TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET

REMARKS:

Station is 0.1 mile downstream of Placer Ave, 3.1 miles north of the city of San Joaquin.

James Bypass carries diverted flow from the Kings River and is subject to regulation by upstream dams and diversion facilities.

Station has been operated by Kings River Water Association 1929-45, U.S. Geological Survey 1947-53, and U.S. Bureau of Reclamation 1953-date. Records have been published by the Department of Water Resources since 1969.

The datum for this station from 1929 to present is 165.0, topographic map.

E Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1947:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	5600	12.22	Sat Jun 07, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07802 CHOWCHILLA BYPASS AT ROAD BELOW CONTROL STRUCT
LOCATION: LAT 36-46-30, LONG 120-17-08, T13S, R15E, SEC. 25, MD B&M
DRAINAGE AREA: 1699.9 SQ MILES

MADERA COUNTY
HYDROLOGIC AREA: B-08.K0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
.0	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
	Mon Oct 01, 1984	15	.0	.00	Mon Oct 01, 1984	15	.0	.00	

REMARKS:

Station is located 100' downstream of the San Joaquin River Bifurcation structure on the Chowchilla Bypass.

Beginning with the 1983 water year 100 feet has been subtracted from all gage heights to accommodate computer processing of the flow. This has no effect on flow record. Unpublished record for the period 1967-1979 is available in San Joaquin District office. Flow at this site is controlled by the Lower San Joaquin Levee District.

This station operated in cooperation with the State Reclamation Board. No record of flow is available for gage heights less than 163.8 feet (120 cfs) due to lack of communication between channel and stilling well.

The datum for this station from 1967 to 1983 is .0, USCGS.
The datum for this station from 1984 to present is 100.0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING	1967:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM			9500	172.30	Jun 11, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07798 SAN JOAQUIN RIVER BELOW CONTROL STRUCTURE

LOCATION: LAT 36-46-24, LONG 120-17-10, T13S, R15E, SEC. 25, MD B&M

MADERA COUNTY

DRAINAGE AREA: 1699.9 SQ MILES

HYDROLOGIC AREA: B-08.K0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MAX IN CRE SET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
TIME	DISCHARGE GAGE HEIGHT	TIME	DISCHARGE GAGE HEIGHT	ACRE FEET
.0		Mon Oct 01, 1984	15 .0 .00	

REMARKS:

Station located on right bank 100 feet downstream from Chowchilla Bypass.

Begin with the 1983 WY 100 feet has been subtracted from all gage heights to accomodate computer processing of data. Flow levels less than 55.00 (375 cubic feet/second) are not recorded.

Record computed by U.S. Bureau of Reclamation from Jan 1, 1967 to Aug 1967. Flows at this station result from flood releases from Friant Dam.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

DATE	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
OR PERIOD OF RECORD BEGINNING 1967:					
AVERAGE/YEAR INSTANTANEOUS MAXIMUM		3007	170.13	Fri Jun 13, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00770 DELTA-MENDOTA CANAL TO MENDOTA POOL

LOCATION: LAT 36-47-12, LONG 120-23-10, T13S, R15E, SEC. 19, MD B&M

FRESNO COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1780	600	.0	.0	350	2550	897	1660	1750	2620	2210	1640	1
2	1760	425	.0	.0	300	2350	1150	1700	1680	2630	2210	1640	2
3	1760	350	.0	.0	300	2150	1330	1800	1600	2620	2210	1580	3
4	1750	350	.0	.0	350	2050	1250	1800	1690	2620	2210	1380	4
5	1820	350	.0	.0	450	2000	1140	1700	1800	2730	2380	1530	5
6	1820	112	.0	.0	500	2100	1150	1700	1800	2500	2330	1320	6
7	1720	50	.0	.0	500	2100	1250	1660	1750	2300	2400	1320	7
8	1560	50	.0	.0	450	2000	1360	1780	1700	2200	2170	1320	8
9	1580	50	.0	.0	400	1750	1400	1960	1810	2360	2180	1150	9
10	1560	50	.0	.0	500	1600	1310	1960	1960	2540	2180	1140	10
11	1360	50	.0	.0	700	1600	1150	1960	2170	2500	2180	1260	11
12	1360	100	.0	.0	900	1710	1150	1920	2270	2500	2100	1320	12
13	1300	150	.0	.0	1000	1740	1200	1840	2370	2530	2010	1300	13
14	1170	150	.0	.0	1000	1700	1390	1760	2550	2480	1930	1300	14
15	1130	150	.0	.0	1050	1700	1390	1650	2680	2540	2040	1300	15
16	984	150	.0	100	1100	1620	1360	1840	2690	2470	2030	1210	16
17	883	150	.0	300	1100	1500	1350	1840	2790	2440	2030	1290	17
18	841	150	.0	500	1200	1340	1410	1840	2940	2540	2020	1270	18
19	844	75	.0	600	1400	1320	1350	1840	2860	2600	1920	1330	19
20	844	.0	.0	600	1650	1360	1290	1780	2800	2600	1900	1560	20
21	847	.0	.0	500	1800	1410	1200	1700	2770	2600	1890	1560	21
22	899	.0	.0	400	1850	1450	1300	1680	2770	2540	1870	1590	22
23	1020	.0	.0	400	1000	1450	1460	1710	2770	2470	1670	1600	23
24	1060	.0	.0	400	2050	1470	1660	2090	2940	2380	1670	1710	24
25	1090	.0	.0	350	2200	1230	1650	2050	2930	2420	1670	1840	25
26	1000	.0	.0	300	2250	1100	1500	1920	2660	2580	2030	1920	26
27	936	.0	.0	300	2400	1000	1300	1820	2600	2570	2280	1840	27
28	823	.0	.0	300	2550	1050	1360	1830	2800	2570	2270	1840	28
29	786	.0	.0	350	--	1000	1430	1780	2900	2500	2140	1840	29
30	760	.0	.0	400	--	925	1580	1780	2820	2250	1760	1750	30
31	622	--	.0	400	--	863	--	1850	--	2210	1760	--	31
DAILY													
MEAN	1215	117	.0	200	1118	1587	1324	1813	2387	2497	2053	1488	
MAX	1820	600	--	600	2550	2550	1660	2090	2940	2730	2400	1920	
MIN	622	.0	.0	.0	300	863	897	1650	1600	2200	1670	1140	
ACRE													
FEET	74720	6966		12300	62080	97560	78780	111500	142100	153500	126200	88560	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	DATE	TOTAL
1318		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT		ACRE FEET
						954266

REMARKS:

Station is located approximately 2 miles north of Mendota, at Delta-Mendota Canal and Outside Canal.
Flow is measured by three Sparling meters located at siphon outlet.
Station is operated by the U.S. Bureau of Reclamation. Records for this station are published as received.

B - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1948:

ACRE	FLOW	GAGE	DATE	TIME
FEET	CFS	HEIGHT		
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER:		B07710 SAN JOAQUIN RIVER NEAR MENDOTA											
LOCATION:		LAT 36-48-36, LONG 120-22-36, T13S, R15E, SEC. 07, MD B&M											
DRAINAGE AREA:		4310.0 SQ MILES											
		FRESNO COUNTY											
		HYDROLOGIC AREA: B-06.B0											
WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985													
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	177	114	50	37	59	267	200	361	404	581	522	246	1
2	179	152	50	35	61	281	216	363	376	518	519	235	2
3	175	112	50	35	63	285	228	334	349	516	514	239	3
4	170	112	48	35	63	281	244	313	328	514	511	244	4
5	170	112	45	35	64	272	226	315	323	522	509	246	5
6	168	111	46	35	66	267	203	317	328	544	511	241	6
7	168	102	46	35	68	268	202	326	330	542	511	241	7
8	172	92	48	35	69	272	205	338	328	537	501	244	8
9	170	89	48	35	69	257	232	336	347	529	480	244	9
10	170	87	48	34	69	241	261	351	382	546	463	244	10
11	172	84	48	37	71	232	266	367	406	537	463	235	11
12	170	84	46	37	72	232	263	372	428	522	469	234	12
13	168	81	45	37	83	234	255	382	449	520	469	234	13
14	168	79	45	40	182	234	277	380	490	514	461	234	14
15	170	77	43	40	219	259	298	374	501	501	451	234	15
16	177	77	43	40	219	300	305	384	555	486	445	235	16
17	165	76	42	42	221	307	305	398	597	482	445	237	17
18	158	72	42	43	221	307	292	392	608	499	436	237	18
19	161	71	41	45	221	300	263	382	617	511	422	234	19
20	163	68	40	46	226	283	257	386	622	522	400	230	20
21	163	66	40	46	243	285	257	380	613	529	369	228	21
22	163	64	40	48	261	294	259	388	613	548	351	234	22
23	161	63	38	48	261	298	274	406	622	546	309	234	23
24	161	59	38	51	261	307	281	402	629	526	294	234	24
25	161	59	38	53	264	300	285	404	638	503	290	250	25
26	160	58	38	53	264	277	303	418	645	509	285	255	26
27	160	56	38	55	261	232	317	430	635	529	281	270	27
28	160	55	37	56	263	202	317	426	622	531	283	276	28
29	157	53	37	58	--	186	324	420	613	535	277	256	29
30	156	51	37	59	--	189	341	416	597	533	266	244	30
31	139	--	37	59	--	193	--	414	--	524	261	--	31
DAILY MEAN	166	81.2	43.0	43.4	159	263	265	377	500	524	412	242	
MAX	179	152	50	59	264	307	341	430	645	581	522	276	
MIN	139	51	37	34	59	186	200	313	323	482	261	228	
ACRE FEET	10180	4832	2642	2666	8854	16150	15780	23160	29740	32240	25320	14400	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL ACRE FEET
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
257									185964

REMARKS:

Station located 2.5 miles downstream from Mendota Dam, on the left bank of the San Joaquin River.

Station is equipped with telemetry recorder accessible through the Department of Water Resources Division of Flood Management. Summer flow at this station consists mainly of flow from Delta-Mendota Canal through Mendota Dam.

Station is operated by the U.S. Bureau of Reclamation. Records for this station are published as received. Flow regulated by upstream reservoirs.

The datum for this station from 1939 to 1953 is 142.5, USBR.
The datum for this station from 1954 to present is 140.5, USBR.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1939:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		11740	13.75	Fri Jun 20, 1941	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07610 SAN JOAQUIN RIVER NEAR DOS PALOS

LOCATION: LAT 36-59-42, LONG 120-30-00, T11S, R13E, SEC. 12, MD B&M

FRESNO COUNTY

DRAINAGE AREA: 5630.1 SQ MILES

HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	10	.0	20	35	10	.0	13	13	.0	8.0	13	15	1
2	10	.0	20	35	10	9.0	13	13	.0	13	13	15	2
3	10	.0	20	35	10	13	13	13	5.0	5.0	8.0	15	3
4	10	.0	20	35	10	13	13	13	13	9.0	.0	15	4
5	10	.0	20	35	10	13	13	4.0	13	13	6.0	15	5
6	10	.0	20	35	10	8.0	13	6.0	13	13	4.0	15	6
7	10	.0	20	35	10	8.0	13	13	13	13	9.0	15	7
8	10	.0	20	35	10	8.0	13	13	13	13	9.0	15	8
9	10	.0	20	35	10	9.0	13	13	13	13	5.0	15	9
10	10	.0	20	35	10	6.0	13	13	13	13	13	15	10
11	10	.0	20	35	10	5.0	13	9.0	13	13	9.0	15	11
12	10	.0	20	35	10	13	13	.0	13	13	9.0	15	12
13	10	.0	20	35	10	13	13	.0	13	13	13	15	13
14	10	.0	20	35	10	13	13	.0	13	13	13	15	14
15	10	.0	20	35	10	13	13	.0	13	13	13	15	15
16	10	.0	25	50	10	13	13	5.0	13	13	13	16	16
17	10	.0	25	50	10	13	13	13	13	13	13	16	17
18	10	.0	25	50	10	13	13	13	13	13	13	16	18
19	10	.0	25	50	10	13	13	8.0	13	13	9.0	16	19
20	10	20	25	50	10	13	9.0	7.0	13	13	5.0	16	20
21	10	20	25	50	10	13	9.0	13	13	13	13	16	21
22	10	20	25	50	10	13	8.0	13	10	13	13	16	22
23	10	20	25	50	10	13	5.0	13	.0	13	8.0	16	23
24	10	20	25	50	10	13	13	13	5.0	13	4.0	16	24
25	10	20	25	50	10	13	13	13	5.0	13	8.0	16	25
26	10	20	25	50	10	13	13	13	.0	13	.0	16	26
27	10	20	25	50	10	13	13	4.0	4.0	13	.0	16	27
28	10	20	25	50	10	13	13	9.0	4.0	13	.0	16	28
29	10	20	25	50	--	5.0	13	13	.0	13	.0	16	29
30	10	20	25	50	--	.0	13	13	.0	13	.0	16	30
31	10	--	25	50	--	.0	--	10	--	13	.0	--	31
DAILY MEAN	10.0	7.3	22.6	42.7	10.0	10.3	12.3	9.5	8.9	12.5	7.6	15.5	
MAX	10	20	25	50	10	13	13	13	13	13	13	16	
MIN	10	.0	20	35	10	.0	5.0	.0	.0	5.0	.0	15	
ACRE FEET	615	436	1388	2628	555	631	732	587	530	766	468	922	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
14.2		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					10258

REMARKS:

Station is located 800 feet downstream from Temple Slough, 6.5 miles east of Dos Palos.

Most summer flows are diverted for irrigation purposes by Central California Irrigation District.

Station operated by the U.S. Bureau of Reclamation. Records for this station are published as received. Flow is regulated by upstream reservoirs.

The datum for this station from 1945 to present is 116.5, USED.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1934:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	8920	10.52	Tue Jun 24, 1941	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B67325 FRESNO RIVER, LEWIS FORK, NEAR OAKHURST

LOCATION: LAT 37-20-42, LONG 119-38-18, T07S, R21E, SEC. 02, MD B&M

MADERA COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-13.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.4*	8.8*	19	19	17	32	79 *	56 *	34	9.6	3.9	1.5	1
2	4.2	8.5	17	19 *	20	36	82	54	37	8.9*	3.6*	1.6	2
3	4.2	9.0	17	19	18	30	84	53	41	8.3	3.5	2.4*	3
4	4.0	9.2	16 *	19	16 *	30 *	84	51	34 *	8.1	3.7	3.1	4
5	4.1	9.6	15	19	17	29	77	50	30	7.9	3.8	2.5	5
6													
7	5.2	9.9	15	20	18	30	71	48	28	7.5	4.0	3.0	6
8	5.3	12	15	37	18	33	67	46	25	7.0	3.9	3.1	7
9	4.7	27	19	28	57	31	64	46	24	6.7	3.8	3.2	8
10	4.8	15	18	24	61	31	59	44	22	6.0	4.1	3.7	9
11	5.5	12	27	23	33	40	54	41	21	5.0	4.1	3.7	10
12													
13	8.1	12	25	22	28	77	51	40	19	4.6	3.9	3.2	11
14	5.7	12	23	21	26	57	53	39	18	4.2	4.1	2.8	12
15	5.0	29	21	21	27 *	48	57	36 *	18	3.7	3.2	2.5	13
16	4.9	17 *	20	20	27	45	57	36	17	3.2	1.8	2.3	14
17	4.7*	12	21	20	28	44	55	37	16	2.8	1.8*	2.6	15
18													
19	6.6	17	21	20 *	29	43	54	36	16	2.9	1.8	2.7	16
20	14	15	18 *	19	30	43	68 *	37	14 *	2.5*	2.1	3.0*	17
21	6.5	12	19	19	31	48 *	59	38	14	2.5	2.3	4.5	18
22	6.5	12	22	21	32	44	56	37	14	2.2	2.1	4.1	19
23	6.8	12	23	21	33	46	56	33	14	2.4	1.9	2.7	20
24													
25	6.3	19	21	22	30	51	56	33	15	2.7	1.9	2.5	21
26	6.5	14	20	21	29	48	54	32	14	2.1	1.8	2.5	22
27	6.7	13	19	20	29	48	55	31	13	2.5E*	1.6	2.6	23
28	6.5	46	19	21	29	49	55	32	13	2.5E	1.6	2.4	24
29	7.1	27	19	20	30	49	55	34	12	2.6E	1.5	2.3	25
30													
31	6.9	17	19	19	30	56	54	34	11	2.4E	1.5	2.3	26
32	7.2	23	19	19	30	97	52	36	10	2.6E	1.5	2.7	27
33	7.9	123	19	20	32	88	54	36	10	2.4E	1.5	3.5	28
34	8.4	33	19	18		68	54	34	9.9	2.5E	1.6	3.3	29
35	8.4	23	19	19		64	56	34	9.6	3.0E	1.6	3.4	30
36	9.5		19	17		72		34		3.3E	1.7		31
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DAILY MEAN	6.3	20.3	19.5	20.9	28.8	48.6	61.1	39.6	19.1	4.3	2.6	2.9	
MAX	14	123	27	37	61	97	84	56	41	9.6	4.1	4.5	
MIN	4.0	8.5	15	17	16	29	51	31	9.6	2.1	1.5	1.5	
CRE													
FEET	390	1208	1196	1283	1597	2989	3634	2436	1138	267 E	161	170	

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
22.7	November 28	0115	264	2.22	August 22	1730	1.4	1.00	16469

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located in the town of Oakhurst, 500 downstream of White Oak Guest Home. Elevation of the station is approximately 2300 feet MSL.

Flow at this station includes flow diverted from the South Fork Merced River drainage via Big Creek Diversion.

Station has been operated by the Department of Water Resources since 1961.

The datum for this station from 1961 to present is .0, local.

PERIOD OF RECORD BEGINNING 1961:

AVERAGE/YEAR	ACRE	FLOW	GAGE	DATE	TIME
INSTANTANEOUS MAXIMUM	FEET	CFS	HEIGHT		
		2490	5.70	Sunday April 11, 1982	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B67300 MIAMI CREEK NEAR OAKHURST

LOCATION: LAT 37-23-36, LONG 119-39-12, T06S, R21E, SEC. 22, MD B&M

MADERA COUNTY

DRAINAGE AREA: 10.6 SQ MILES

HYDROLOGIC AREA: B-13.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1.9*	2.6*	7.6	4.5	4.4	7.6	22	7.3	3.6	1.8	1.0	0.8	1
2	1.9	2.4	6.7	4.4	4.7	8.4	25	7.2	4.0	1.7*	1.0*	0.8	2
3	1.8	2.7	6.4	4.4	4.4	7.4	25	7.1	4.6	1.6	0.9	1.1*	3
4	1.8	2.8	5.7*	4.4	4.4	7.2	23	6.9	4.0*	1.7	0.9	1.4	4
5	1.8	2.7	5.6	4.6	4.4	7.2	21	6.7	3.7	1.6	0.9	1.5	5
6	1.5	2.8	5.6	5.2	4.5	7.3	18	6.3	3.6	1.6	0.9	1.5	6
7	1.0	3.0	5.4	9.0	4.6	7.5	18	6.3*	3.4	1.6	0.9	1.5	7
8	2.1	8.8	5.3	7.9	14	7.4	17	6.1	3.5	1.6	0.9	1.5	8
9	3.0	5.8	5.2	6.8	19	7.5	16	6.0	4.4	1.5	0.8	1.6	9
10	1.4	5.2	7.3	6.3	10	9.8	15	6.0	3.2	1.6	0.8	1.6	10
11	2.4	5.8	7.2	5.8	8.3	17	14	6.0	2.9	1.6	0.8	1.5	11
12	2.1	4.5	6.7	5.5	8.0	15	14	6.0	2.7	1.5	0.9	1.4	12
13	2.0	9.9	6.5	5.3	8.1*	14	13	5.9*	2.6	1.5	0.9	1.3	13
14	2.0	7.6*	5.7*	5.1	8.4	13	13	5.7	2.6	1.8	0.9	1.1	14
15	2.0	5.0	5.4	5.0	8.8	13	12	5.6	2.4	1.4	0.9*	1.1	15
16	3.4	6.4	5.7	4.9*	9.0	13	11	5.5	1.5	1.4	0.9	1.1	16
17	6.6	5.9	5.1	4.8	9.1	13	15	5.2	1.4*	1.4*	1.0	1.1*	17
18	4.0	4.9	5.2	4.8	9.0	13	13	5.2	1.8	1.3	1.2	1.8	18
19	4.0	4.7	5.5	5.0	9.0	11	11	5.0	2.1	1.3	1.0	2.0	19
20	4.0	4.4	5.4	5.0	8.9	11	11	4.9	2.1	1.3	1.0	1.4	20
21	3.5	6.2	5.1	5.0	8.1	12	10	4.5	2.0	1.3	0.9	1.3	21
22	3.2	5.2	5.1	4.9	7.8	11	9.9	3.9	2.0	1.3	0.9	1.2	22
23	3.1	4.8	5.0	4.8	7.6	11	9.6	3.7	2.1	1.1	0.9	1.1	23
24	3.0	14	5.0	4.8	7.6	11	9.3	3.6	2.0	1.1	0.9	1.1	24
25	2.8	9.3	5.0	4.8	7.7	11	8.9	3.7	2.0	1.1	0.9	1.2	25
26	2.8	6.4	4.9	4.7	7.8	10	8.5	3.8	1.9	1.1	0.8	1.2	26
27	2.8	10	4.8	4.7	7.6	16	8.1	3.7	1.8	1.0	0.8	1.2	27
28	2.8	46	4.8	4.7	7.5	15	7.8	2.2	1.8	1.0	0.8	1.4	28
29	2.8	14	4.7	4.6		13	7.6	3.7	1.8	1.0	0.8	1.4	29
30	2.8	9.5	4.6	4.5		13	7.6	3.5	1.8	1.0	0.8	1.4	30
31	2.8		4.6	4.4		16		3.5		1.0	0.8		31
DAILY MEAN	2.7	7.4	5.6	5.2	8.0	11.3	13.8	5.2	2.6	1.4	0.9	1.3	
MAX	6.6	46	7.6	9.0	19	17	25	7.3	4.6	1.8	1.2	2.0	
MIN	1.0	2.4	4.6	4.4	4.4	7.2	7.6	2.2	1.4	1.0	0.8	0.8	

ACRE FEET	165	443	343	319	442	693	822	319	157	85	55	79
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Summary Data for Water Year 1984-5

MEAN FLOW				INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
5.4	November 28	0030	110	4.45	August 30	1500	0.6	2.38				3922

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located 4.5 north of Oakhurst, 150 downstream from Forest Road 6S15. Miami Creek is tributary to the Fresno River.

Stage-discharge relationship sometimes affected by ice.

Station is at elevation of approximately 3500 feet MSL.

The datum for this station from 1959 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1960:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		804	9.08	Friday February 1, 1963	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B67285 MIAMI CREEK AT HIGHWAY 49 NEAR AHWAHNEE

LOCATION: LAT 37-20-54, LONG 119-43-00, T07S, R21E, SEC. 06, MD B&M

MADERA COUNTY

DRAINAGE AREA: 31.6 SQ MILES

HYDROLOGIC AREA: B-13.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	2.5*	2.9*	0.9	6.9	6.2	9.0	44 *	9.5*	3.8	1.3	0.6	0.0	1
2	2.6	3.3	3.1	7.0*	7.3	12	35	10	4.3	1.1*	0.5*	0.0	2
3	2.7	3.7	5.8	7.1	6.6	11	19	9.9	5.5	0.6	0.6	0.5*	3
4	2.6	4.1	8.5*	7.2	6.2*	11 *	18	8.4	5.2*	0.3	0.6	1.2	4
5	2.5	4.6	9.8	7.4	7.3	12	15	8.1	4.5	0.4	0.8	2.3	5
6	2.5	4.9	13	7.8	8.8	14	13	7.6	3.2	0.2	0.9	2.6	6
7	2.3	6.1	17	13	10	18	13	7.8	2.7	0.1	1.0	3.0	7
8	1.9	11	19	12	33	17	12	7.5	2.2	0.3	1.1	3.7	8
9	2.7	9.5	18	9.1	41	16	12	6.8	2.9	0.4	1.1	3.7	9
10	2.5	7.6	20	8.0	18	20	12	6.9	1.8	0.3	1.2	4.1	10
11	2.8	9.2	16	7.3	14	33	13	7.6	1.2	0.3	1.1	3.8	11
12	3.1	9.2	12	7.1	14	27	16	7.8	1.8	0.3	1.3	3.5	12
13	2.7	12	10	7.2	15 *	22	15	7.5*	1.3	0.2	1.6	2.0	13
14	2.1	11 *	7.8	7.3	14	20	15	6.5	1.1	0.2	1.9	0.0	14
15	2.1*	9.0	7.4	7.6	13	19	15	5.8	1.1	0.3	2.2	0.0	15
16	2.9	12	7.5	7.6*	12	18	14	6.6	1.4	0.4	2.4	0.1	16
17	4.3	16	5.3*	7.8	11	18	24 *	6.2	1.1*	0.5*	2.9	0.6*	17
18	3.0	16	5.9	7.8	10	20 *	19	6.3	1.4	0.6	3.5	1.4	18
19	2.9	18	6.7	7.9	9.5	19	14	6.0	0.3	0.5	2.5	2.6	19
20	2.0	22	6.9	7.7	9.5	18	13	6.6	0.5	0.5	0.0	2.0	20
21	1.2	33	5.9	7.6	8.6	19	14	7.0	0.4	0.5	0.1	0.7	21
22	1.3	36	6.0	7.4	7.6	18	13	5.3	0.7	0.6	0.0	0.1	22
23	1.3	38	5.8	7.1	7.2	18	13	3.6	0.9	0.6	0.0	0.2	23
24	1.6	39	5.8	6.7	6.9	18	12	4.3	1.6	0.6	0.0	0.3	24
25	1.6	1.3	6.1	6.6	7.0	20	12	3.9	2.1	0.7	0.2	0.2	25
26	1.7	0.5	6.5	6.7	7.1	25	12	3.8	1.6	0.7	0.6	0.3	26
27	1.9	8.6	6.6	6.9	7.1	74	12	3.8	1.4	0.6	1.1	0.4	27
28	2.1	21	6.7	7.1	7.8	68	11	3.1	1.3	0.6	1.6	0.4	28
29	2.3	1.0	6.7	6.9		43	11	3.0	1.1	0.8	1.6	0.6	29
30	2.4	0.3	6.6	6.8		35	9.5	3.3	1.1	0.6	0.9	0.7	30
31	2.8		6.9	6.6		37		2.9		0.6	0.1		31
DAILY MEAN	2.4	12.4	8.7	7.7	11.6	23.5	15.7	6.2	2.0	0.5	1.1	1.4	
MAX	4.3	39	20	13	41	74	44	10	5.5	1.3	3.5	4.1	
MIN	1.2	0.3	0.9	6.6	6.2	9.0	9.5	2.9	0.3	0.1	0.0	0.0	
ACRE FEET	145	735	536	470	646	1446	933	384	118	31	67	81	

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE	FEET
7.7	March 27	0415	100	6.11	June 18	1900	0.0	4.23	5592

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the left bank, 4.0 miles west of Oakhurst on Highway 49.

Stage-discharge relationship is affected by beaver dams.

Station is at elevation 2030 feet MSL.

The datum for this station from 1969 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1969:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	1940	11.43	Sunday January 13, 1980	2215

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06725 FRESNO RIVER 8 MILES WEST OF MADERA
LOCATION: LAT 36-58-31, LONG 120-12-04, T11S, R16E, SEC. 15, MD B&M MADERA COUNTY
DRAINAGE AREA: 272.2 SQ MILES HYDROLOGIC AREA: B-08.K0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
.0					

REMARKS:

Station located on left bank 100 feet downstream from County Road 19.

Station is operated by Madera Irrigation District. Records for this station are published as received.

The datum for this station from 1936 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1936:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B64300 CHOWCHILLA RIVER, WEST FORK, NEAR MARIPOSA

LOCATION: LAT 37-25-14, LONG 119-52-25, T06S, R19E, SEC. 10, MD B4M

MARIPOSA COUNTY

RAINAGE AREA: 33.6 SQ MILES

HYDROLOGIC AREA: B-13.A1

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	0.0*	0.8*	5.0	3.1	3.4	4.2*	21	4.1	2.3	0.0	0.0	0.0	1
2	0.0	0.8	4.1	3.1	4.3	5.7	17 *	3.9*	2.8	0.0	0.0	0.0	2
3	0.0	0.8	3.8	3.0	4.1	5.8	15	3.8	2.8	0.0	0.0	0.0	3
4	0.0	0.8	3.5*	3.0*	3.6*	5.1	13	3.7	2.1*	0.0	0.0	0.0	4
5	0.0	0.9	3.2	2.9	3.3	4.9	12	3.7	1.5	0.0	0.0	0.0	5
6	0.0	1.0	2.9	3.1	3.4	7.4	9.6	3.5	1.2	0.0	0.0	0.0	6
7	0.0	1.0	2.8	5.6	3.4	22	8.2	3.4	0.9	0.0	0.0	0.0	7
8	0.0	3.4	2.5	8.1	282	17	8.0	3.3	0.7	0.0	0.0	0.0	8
9	0.0	3.6	2.4	4.9	110	15	7.6	3.0	0.5	0.0	0.0	0.0	9
0	0.0	2.0	3.5	4.2	29	16	7.3	3.1	0.4	0.0	0.0	0.0	10
1	0.0	1.6	4.0	3.8	18	31	6.8	3.3	0.3	0.0	0.0	0.0	11
2	0.0	1.5	3.2	3.7	14	34	6.4	3.2	0.2	0.0	0.0	0.0	12
3	0.0	3.2	3.0	3.4	11	19	5.8	2.9	0.1	0.0	0.0	0.0	13
4	0.0	3.8*	2.5	3.2	9.4*	15	5.4	2.5*	0.1	0.0	0.0	0.0	14
5	0.0	2.4	3.4	3.1	8.3	12	5.3	2.2	0.0	0.0	0.0	0.0	15
6	0.0*	3.1	4.6	3.1*	7.7	10	5.3	2.2	0.0	0.0	0.0	0.0	16
7	0.0	3.0	3.8*	3.0	7.1	8.8	14 *	2.2	0.0	0.0	0.0	0.0	17
8	1.1	2.4	3.5	2.9	6.4	11 *	9.1	2.2	0.0*	0.0	0.0	0.0	18
9	0.8	2.1	4.5	2.9	6.0	11	7.0	2.3	0.0	0.0	0.0	0.0	19
0	0.7	1.9	4.7	2.9	6.0	8.2	6.3	2.2	0.0	0.0	0.0	0.0	20
1	0.6	2.4	4.7	2.8	5.6	6.9	6.4	2.2	0.0	0.0	0.0	0.0	21
2	0.7	2.8	4.3	2.8	5.2	5.9	5.9	2.2	0.0	0.0	0.0	0.0	22
3	0.6	2.3	4.1	2.7	5.0	5.3	5.7	2.1	0.0	0.0	0.0	0.0	23
4	0.6	5.2	3.8	3.0*	4.9	4.6	5.2	2.1	0.0	0.0	0.0	0.0	24
5	0.6	8.9	3.6	3.2	4.8	4.2	5.0	2.0	0.0	0.0	0.0	0.0	25
6	0.6	3.9	3.5	3.2	4.7	6.8	4.7	2.0	0.0	0.0	0.0	0.0	26
7	0.6	6.1	3.5	3.2	4.5	85	4.8	2.2	0.0	0.0	0.0	0.0	27
8	0.7	72	3.3	3.4	4.3	125	4.4	2.2	0.0	0.0	0.0	0.0	28
9	0.7	13	3.2	3.8		42	4.2	2.2	0.0	0.0	0.0	0.0	29
0	0.8	6.5	3.1	3.7		28	4.1	2.2	0.0	0.0	0.0	0.0	30
1	0.8		3.1	3.4		24		2.2		0.0	0.0		31
DAILY MEAN	0.3	5.4	3.6	3.5	20.7	19.4	8.0	2.7	0.5	0.0	0.0	0.0	
MAX	1.1	72	5.0	8.1	282	125	21	4.1	2.8	0.0	0.0	0.0	
MIN	0.0	0.8	2.4	2.7	3.3	4.2	4.1	2.0	0.0	0.0	0.0	0.0	

CREET	20	324	220	215	1149	1192	477	167	32	0	0	0
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Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW					INSTANTANEOUS MINIMUM FLOW					TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT		DATE	TIME	DISCHARGE	GAGE HEIGHT		ACRE FEET	
5.2	February 8	1730	827	5.93	October 1	0015	0.0	2.07		3796	

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:
 Station located on left bank, 15 feet downstream of Indian Peak Rd, 6.7 miles southeast of Mariposa.
 This station has no upstream impairments.
 The datum for this station from 1957 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1957:

AVERAGE/YEAR INSTANTANEOUS MAXIMUM	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
		7700	10.80	Wednesday December 22, 1982	1730

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00435 EASTSIDE BYPASS NEAR EL NIDO

LOCATION: LAT 37-08-54, LONG 120-36-18, T09S, R12E, SEC. 13, MD B&M

MERCED COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-08.C0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.0		TIME DISCHARGE GAGE HEIGHT	TIME DISCHARGE GAGE HEIGHT	ACRE FEET	
			Mon Oct 01, 1984 15	.0	

REMARKS:

Station is located on the left bank 2.8 miles north of Washington Road, 6.4 miles west of El Nido.
 Station is equipped with telemetry recorder accessible through the Department of Water Resources Division of Flood Management.
 Station records flood releases diverted to the Eastside Bypass from the San Joaquin, Fresno, Chowchilla and Kings Rivers.
 The datum for this station from 1964 to present is 90.0, USGS BM.
 E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING	1964:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM			21700	17.58	Tue Feb 25, 1969	1030

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00416 EASTSIDE BYPASS BELOW MARIPOSA BYPASS

LOCATION: LAT 37-12-22, LONG 120-41-47, T085, R12E, SEC. 30, MD B&M

MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.G0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	18	15	7.8	6.1*	.0*	.0	.0	.0	.0	.0	.0	1
	.0	15	13	7.4	6.1	.0	.0	.0	.0	.0	.0	.0	2
	.0	12	15	7.1	6.2	.0	.0	.0	.0	.0	.0	.0	3
	.0	11	37	6.7*	6.3	.0	.0	.0	.0	.0	.0	.0	4
	34 E	11	42	6.9	6.5	.0	.0	.0	.0	.0	.0	.0	5
	45 E	11	33	7.4	6.6	.0	.0	.0	.0	.0	.0	.0	6
	53 E	11	24	8.0	7.9	.0	.0	.0	.0	.0	.0	.0	7
	57 E	12	18	8.5	7.4	.0	.0	.0	.0	.0	.0	.0	8
	61 E	13	15	9.0	20	.0	.0	.0	.0	.0	.0	.0	9
	65 E	14	15	9.5	214	.0	.0	.0	.0	.0	.0	.0	10
	76 E	15	15	9.9	309	.0	.0	.0	.0	.0	.0	.0	11
	87 E	17	15	10	178	.0	.0	.0	.0	.0	.0	.0	12
	115 E	15	16	11	70	.0	.0	.0	.0	.0	.0	.0	13
	130 E	15	12	11	40	.0	.0	.0	.0	.0	.0	.0	14
	137 E	17	11	11	31	.0	.0	.0	.0	.0	.0	.0	15
	140 E	19	11	11	29	.0	.0	.0	.0	.0	.0	.0	16
	141 E	20	16	20	18	.0	.0	.0	.0	.0	.0	.0	17
	136	21	18	33	13	56	.0	.0	.0	.0	.0	.0	18
	135	13	21	20	11	124	.0	.0	.0	.0	.0	.0	19
	131	9.4	22	12	11	115	.0	.0	.0	.0	.0	.0	20
	128	9.3	20	11	11	113	.0	.0	.0	.0	.0	.0	21
	127	9.2	17	10	11	104	.0	.0	.0	.0	.0	.0	22
	126	9.3	13	9.5	11	95	.0	.0	.0	.0	.0	.0	23
	114	9.3	11	9.2	9.6	101	.0	.0	.0	.0	.0	.0	24
	86	9.4	11	8.9	8.8	71	.0	.0	.0	.0	.0	.0	25
	73	9.8	11	8.6	8.2	.0	.0	.0	.0	.0	.0	.0	26
	55	11	10	8.0	6.9	.0	.0	.0	.0	.0	.0	.0	27
	45	13	9.7	7.6	4.9	.0	.0	.0	.0	.0	.0	.0	28
	30	19	9.3	7.3	--	.0	.0	.0	.0	.0	.0	.0	29
	24	23	8.8	6.9	--	.0	.0	.0	.0	.0	.0	.0	30
	22	--	8.4	6.4	--	.0	--	.0	--	.0	.0	--	31
1LY	76.5	13.7	16.6	10.3	38.2	25.1	.0	.0	.0	.0	.0	.0	
AN	141	23	42	33	309	124	--	--	--	--	--	--	
X	.0	9.2	8.4	6.4	4.9	.0	.0	.0	.0	.0	.0	.0	
RE													
ET	4707	817	1018	636	2119	1545							

AN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
15.0	Mon Feb 11, 1985	TIME 15 DISCHARGE 314 GAGE HEIGHT 86.61	Mon Oct 01, 1984	TIME 15 DISCHARGE .0 GAGE HEIGHT 83.50	ACRE FEET 10842

MARKS:

ation is located on right bank 0.3 miles downstream of bifurcation structure.

ation is operated in cooperation with the Reclamation Board.

the datum for this station from 1980 to present is .0, USCGS.

- Estimated. NR = No record. * = Discharge measurement or observation of no flow.

OR PERIOD OF RECORD BEGINNING 1979:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	10700	97.04	Thu Mar 03, 1983	15

TABLE B (CONTINUED) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: B00420 MARIPOSA BYPASS NEAR CRANE RANCH NEAR MERCED

LOCATION: LAT 37-12-06, LONG 120-41-42, T08S, R12E, SEC. 30, MD B4M

MERCED COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-08.60

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.0		TIME DISCHARGE GAGE HEIGHT	Mon Oct 01, 1984	TIME DISCHARGE GAGE HEIGHT	ACRE FEET
			15	.0	.00

REMARKS:

Station is located on left bank 0.1 miles downstream of bifurcation structure.

Discharge measurements available in the San Joaquin District office for period 1966-67.

This station monitors flows diverted from the Eastside Bypass. Station is operated in cooperation with Reclamation Board.

The datum for this station from 1966 to present is .0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1962:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	9970	96.82	Thu Mar 03, 1983	15

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06114 OWENS CREEK BELOW EASTSIDE CANAL NEAR CRANE RANCH
RH

LOCATION: LAT 37-13-09, LONG 120-41-53, T08S, R12E, SEC. 19, MD B&M

MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.G0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
91		0.0	4.6	2.5	2.3*	0.4*	95	0.0N	33	13	0.7*	3.5	1
90 *		0.0*	4.4	2.4	3.1	0.3	55 *	0.0N*	48	8.0*	0.8	3.6	2
80		0.0	5.9*	2.3*	3.5	0.3	18	0.0N	82 *	4.3	1.0	4.3	3
51		0.0	7.3	2.4	3.3	0.2	8.2	0.0N	123	4.1	1.3	10	4
37		0.0	7.0	2.6	3.8	0.2	7.2	0.0N	128	3.9	1.5	13	5
39		0.0	6.2	2.7	3.8	0.2	7.0	0.0N	102	3.7	1.9	12	6
39		0.0	5.5	3.1	5.5	0.2	7.1	0.0N	72	3.5	2.1	19	7
43		0.1	5.1	3.8	4.7	0.6	14	0.0N	38	3.3	2.2	20	8
42		0.2	4.7	3.8	19	5.5	16	0.0N	12	3.2	4.1	20	9
39		0.0	5.4	3.8	82	12	6.5	0.0N	9.3	3.1	6.6	22	10
46		0.0	6.6	3.9	83	35	5.8	0.0N	7.7	3.0	13	27	11
56		0.0	6.6	4.1	36	56	5.5	0.0N	6.9	2.7	11	29	12
57		0.0*	5.6	4.2	11	29	5.0	0.0N*	6.4	2.6	11	28	13
65		0.0	4.7	4.4	8.5*	19	4.4	0.0N	6.2	2.5	11 *	42	14
72		0.0	5.5	4.5	7.6	13	4.0	14	6.1	4.0	8.5	46	15
69 *		0.1	7.8	4.7	6.7	13	3.0	20	5.9	4.9*	5.1	51	16
73		0.1	12	11 *	5.8	13	4.8	23	5.8	6.1	5.3	57	17
60		0.2	10 *	12	5.2	7.8	11 *	13	5.6*	7.1	7.7	58	18
54		3.9	8.4	7.8	4.7	0.6*	7.3	15	5.3	8.6	12	48	19
50		6.1	7.3	5.9	4.9	0.5	3.9	32	5.2	10	12	49	20
39		6.2	6.4	5.3	3.6	0.4	7.8	29	5.1	14	12	57	21
39		6.5	5.9	4.7	3.5	0.2	14	26	4.9	17	13	71	22
42		6.1	5.3	4.3	2.7	0.2	6.0	18	4.8	9.5	9.1	76	23
21		6.3	4.6	4.1	1.9	0.1	2.4	16	4.6	4.0	18	74	24
12		6.8	4.2	3.6	0.9	0.4	4.8	28	4.6	2.0	28	66	25
8.4		3.2	3.8	3.3	0.4	7.3	0.0N	34	4.4	1.5	29	47	26
7.3		0.3	3.4	3.1	0.6	20	0.0N	38	4.2	1.2	23	24	27
3.9		3.2	3.3	3.0	0.4	43	0.0N	38	6.3	1.4	13	19	28
1.5		8.3	3.1	3.0		113	0.0N	32	6.6	1.8	6.5	24	29
0.5		6.8	2.9	2.7		150	0.0N	32	12	0.9	3.7	46	30
0.2			2.6	2.5		148		29		0.7	3.3		31
DLY													
MN	42.8	2.1	5.7	4.2	11.4	22.2	10.8	14.1	25.5	5.0	8.9	35.5	
91		8.3	12	12	83	150	95	38	128	17	29	76	
M	0.2	0.0	2.6	2.3	0.4	0.1	0.0	0.0	4.2	0.7	0.7	3.5	
AE													
FT	2634	128	349	261	632	1367	0 N	0 N	1519	309	550	2115	

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
5.7	March 30	2330	175	April 25	1945	0.0	82.22	9864	

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the right bank 0.1 mile downstream of Eastside Canal.

Station is subject to backwater and reverse flow from Eastside Bypass. Property owner installs dams to prevent backflow at times.

Ford was installed January 17, 1980. Staff gage readings and discharge measurement data available in San Joaquin District office.

datum for this station from 1966 to present is .0, USCGS.

PERIOD OF RECORD BEGINNING 1979:

AVERAGE/YEAR	ACRE	FLOW	GAGE	DATE	TIME
INSTANTANEOUS MAXIMUM	FEET	CFS	HEIGHT		
		2080	95.35	Saturday January 29, 1983	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B62410 STOCKTON CREEK AT HIGHWAY 49 NEAR MARIPOSA

LOCATION: LAT 37-28-10, LONG 119-56-55, T05S, R18E, SEC. 25, MD B4M

MARIPOSA COUNTY

DRAINAGE AREA: 9.4 SQ MILES

HYDROLOGIC AREA: B-12.00

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	0.0*	0.3E	0.9E	0.4	0.3	0.5*	3.9	0.4	0.1	0.0	0.0	0.0	1
2	0.0	0.2E*	0.7E	0.4	0.5	0.7	2.8*	0.4*	0.2	0.0	0.0	0.0	2
3	0.0	0.2E	0.6E	0.4	0.4	0.6	2.1	0.4	0.2	0.0	0.0	0.0	3
4	0.0	0.2E	0.3*	0.5*	0.4	0.5	2.0	0.4	0.1*	0.0	0.0	0.0	4
5	0.0	0.2E	0.3	0.5	0.3*	0.5	2.0	0.4	0.1	0.0	0.0	0.0	5
6	0.0	0.3E	0.3*	0.4	0.3	0.6	1.6	0.4	0.0	0.0	0.0	0.0	6
7	0.0	0.3E	0.3	0.8	0.4	2.9	1.8	0.4	0.0	0.0	0.0	0.0	7
8	0.0	0.6E	0.3	0.8	81	1.6	1.6	0.4	0.0E	0.0	0.0	0.0	8
9	0.0	0.7E	0.3	0.5	35	1.2	1.9	0.4	0.0	0.0	0.0	0.0	9
10	0.0	0.5E	0.5	0.4	8.6	1.9	1.9	0.4	0.0	0.0	0.0	0.0	10
11	2.4	0.4E	0.4*	0.4	4.7	3.2	1.4	0.5	0.0	0.0	0.0	0.0	11
12	1.7	0.4E	0.4	0.4	2.8	1.5	0.7	0.5	0.0	0.0	0.0	0.0	12
13	0.9	0.6E	0.4*	0.4	2.1	1.1	0.8	0.4	0.0	0.0	0.0	0.0	13
14	0.4	0.7E*	0.4	0.3	1.9*	1.1	0.9	0.4*	0.0	0.0	0.0	0.0	14
15	0.3	0.5E	0.6	0.3	1.5	1.4	0.9	0.4	0.0	0.0	0.0	0.0	15
16	0.7*	0.6E	1.0	0.3*	1.2	1.1	0.6	0.3	0.0	0.0	0.0	0.0	16
17	2.0	0.6E	0.7	0.4	1.2	1.2	2.2*	0.3	0.0	0.0	0.0	0.0	17
18	0.8	0.6E	0.6*	0.4	1.5	2.0*	1.1	0.3	0.0*	0.0	0.0	0.0	18
19	0.6	0.5E*	0.8*	0.4	1.3	1.2	0.6	0.3	0.0	0.0	0.0	0.0	19
20	0.5	0.4E	0.8*	0.3	1.0	0.8	0.5	0.2	0.0	0.0	0.0	0.0	20
21	0.4	0.6E*	0.8	0.4	1.1	1.2E	0.6	0.2	0.0	0.0	0.0	0.0	21
22	0.4	0.6E	0.6	0.5	0.7	1.2E	0.8	0.2	0.0	0.0	0.0	0.0	22
23	0.4	0.5E	0.5	0.5	0.7	1.3E	0.6	0.2	0.0	0.0	0.0	0.0	23
24	0.4	1.0E	0.5*	0.4	0.7	1.3E	0.4	0.1	0.0	0.0	0.0	0.0	24
25	0.4	1.3E	0.4	0.3	0.6	1.3E	0.4	0.1	0.0	0.0	0.0	0.0	25
26	0.4	0.8E	0.3*	0.3	0.7	2.9E	0.4E	0.1	0.0	0.0	0.0	0.0	26
27	0.3	0.5E*	0.3	0.3	0.8	38 E*	0.4E	0.1	0.0	0.0	0.0	0.0	27
28	0.3	7.6E	0.4*	0.4	0.8	65 *	0.4E	0.1	0.0	0.0	0.0	0.0	28
29	0.3	1.6E	0.4	0.4		13	0.4E	0.1	0.0	0.0	0.0	0.0	29
30	0.3	1.1E	0.4	0.3		7.4	0.4E	0.1	0.0	0.0	0.0	0.0	30
31	0.3		0.4	0.3		5.1		0.1		0.0	0.0		31
DAILY MEAN	0.5	0.8	0.5	0.4	5.4	5.3	1.2	0.3	0.0	0.0	0.0	0.0	
MAX	2.4	7.6	1.0	0.8	81	65	3.9	0.5	0.2	0.0	0.0	0.0	
MIN	0.0	0.2	0.3	0.3	0.3	0.5	0.4	0.1	0.0	0.0	0.0	0.0	

ACRE FEET	28	48 E	31	25	302	324 E	72 E	18	1	0	0	0
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Summary Data for Water Year 1984-5

MEAN FLOW	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
1.2	February 8	1830	362	3.09	June 7	1615	0.0	0.97	849

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the left bank 100 feet upstream of State Highway 49.

Cement bag control was removed and replaced by a concrete control December 1, 1984.

Station is operated in cooperation with Mariposa County Water Agency. Maximum flow of record based on extended rating curve above highest measurement.

The datum for this station from 1980 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1979:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	2160	4.43	Sunday January 13, 1980	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B62400 MARIPOSA CREEK NEAR CATHEYS VALLEY

LOCATION: LAT 37-23-56, LONG 120-00-10, T06S, R18E, SEC. 21, MD B&M

MARIPOSA COUNTY

DRAINAGE AREA: 65.7 SQ MILES

HYDROLOGIC AREA: B-13.A1

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	0.0	1.3	11	5.4	4.1	6.7*	32	3.9	0.0	0.0	0.0	0.0	1
	0.0	1.5*	9.6	5.3	6.6	9.6	25 *	3.6*	0.1	0.0*	0.0*	0.0	2
	0.0	1.6	8.9	5.1	7.1	10	21	3.4	0.8	0.0	0.0	0.0	3
	0.0	1.5	8.4*	4.9*	6.1	7.9	19	3.2	1.1*	0.0	0.0	0.0	4
	0.0	1.4	7.0	4.9	5.2*	7.1	17	3.2	0.2	0.0	0.0	0.0*	5
	0.0	1.6	6.2	5.0	4.9	8.2	15	2.9	0.0	0.0	0.0	0.0	6
	0.0	1.6	5.7	6.9	5.0	36	14	2.9	0.0	0.0	0.0	0.0	7
	0.0	7.7	5.1	10	581	29	13	2.8	0.0	0.0	0.0	0.0	8
	0.0	11	4.9	7.6	240	18	12	2.7	0.0	0.0	0.0	0.0	9
	0.0	4.2	7.6	6.6	60	20	12	2.7	0.0	0.0	0.0	0.0	10
	0.0	2.8	10	6.1	37	40	11	2.2	0.0	0.0	0.0	0.0	11
	0.0	2.0	7.2	5.7	26	28	10	1.2	0.0	0.0	0.0	0.0	12
	0.0	7.0	6.1	5.4	21	20	9.9	1.3	0.0	0.0	0.0	0.0	13
	0.0	6.5*	5.4	5.2	18 *	17	9.6	2.2*	0.0	0.0	0.0	0.0	14
	0.0	4.0	7.4	5.0	16	15	9.2	1.7	0.0	0.0	0.0	0.0	15
	0.0	6.4	16	4.9*	14	13	9.1	1.5	0.0	0.0	0.0	0.0	16
	0.2*	7.7	14	4.7	13	12	17 *	1.4	0.0	0.0	0.0	0.0	17
	1.7	6.4	11 *	4.6	12	26 *	15	1.4	0.0*	0.0	0.0	0.0	18
	1.4	5.5	13	4.6	11	23	11	1.2	0.0	0.0	0.0	0.0	19
	1.0	4.5	15	4.5	11	17	9.8	1.0	0.0	0.0	0.0	0.0	20
	0.8	4.8	13	4.4	10	15	9.3	0.7	0.0	0.0	0.0	0.0	21
	0.6	5.1	11	4.4	9.6	13	9.1	0.5	0.0	0.0	0.0	0.0	22
	0.7	4.4	9.5	4.4	8.9	12	8.3	0.3	0.0	0.0	0.0	0.0	23
	0.6	12	8.6	4.3	8.3	12	7.5	0.2	0.0	0.0	0.0	0.0	24
	0.6	22	8.1	4.0	8.0	11	6.6	0.3	0.0	0.0	0.0	0.0	25
	0.6	11	7.5	3.9	7.5	13	6.1	0.1	0.0	0.0	0.0	0.0	26
	0.6	8.5	7.1	3.9	7.2	156	5.8	0.0	0.0	0.0	0.0	0.0	27
	0.8	152	6.6	4.3	7.0	296	5.3	0.0	0.0	0.0	0.0	0.0	28
	1.0	30	6.3	5.0		93	4.7	0.0	0.0	0.0	0.0	0.0	29
	1.1	15	5.9	4.6		55	4.1	0.0	0.0	0.0	0.0	0.0	30
	1.1		5.6	4.3		41		0.0		0.0	0.0		31
DAILY													
MEAN	0.4	11.7	8.7	5.2	41.6	34.9	11.9	1.6	0.1	0.0	0.0	0.0	
MAX	1.7	152	16	10	581	296	32	3.9	1.1	0.0	0.0	0.0	
MIN	0.0	1.3	4.9	3.9	4.1	6.7	4.1	0.0	0.0	0.0	0.0	0.0	

PRE	25	696	533	317	2312	2143	711	96	4	0	0	0
NET												

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL ACRE FEET
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
9.4	February 8	1700	1610	8.04	October 10	1000	0.0	1.46
								6837

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on White Rock Road bridge, 5.6 miles east of Catheys Valley School.
Maximum flow record from a rating curve extended above 4705 cubic feet/second measurement.
The datum for this station from 1958 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1958:

AVERAGE/YEAR INSTANTANEOUS MAXIMUM	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
		7460	11.63	Monday	February 24, 1969

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B62100 MARIPOSA CREEK BELOW MARIPOSA DAM

LOCATION: LAT 37-16-54, LONG 120-09-42, T07S, R16E, SEC. 36, MD B6M

MARIPOSA COUNTY

DRAINAGE AREA: 110.0 SQ MILES

HYDROLOGIC AREA: B-13.A1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	14	8.8	8.0	9.2	21	6.8	3.7	.0	.0	.0	1
2	.0	.0	14	8.4	8.4	9.2	18	6.8	3.9	.0	.0	.0	2
3	.0	.0	13	8.4	8.8	9.6	16	6.8	3.9	.0	.0	.0	3
4	.0	.0	12	8.4	10	10	14	6.6	3.8	.0	.0	.0	4
5	.0	.0	10	8.4	11	9.6	14	6.6	3.5	.0	.0	.0	5
6	.0	.0	10	8.0	9.2	9.2	13	6.6	3.3	.0	.0	.0	6
7	.0	.0	10	8.0	9.6	9.6	12	6.6	2.8	.0	.0	.0	7
8	.0	.0	10	11	66	16	12	6.4E	1.9	.0	.0	.0	8
9	.0	.0	10	13	511	17	11	6.2E	.9	.0	.0	.0	9
10	.0	.0	10	11	214	15	11	6.0E	.0	.0	.0	.0	10
11	.0	.0	9.6	9.6	45	19	10	5.8E	.0	.0	.0	.0	11
12	.0	.0	11	8.8	25	21	9.6	5.6E	.0	.0	.0	.0	12
13	.0	.0	11	8.4	18	17	9.6	5.4E	.0	.0	.0	.0	13
14	.0	.0	10	9.2	16	14	9.6	5.2	.0	.0	.0	.0	14
15	.0	.0	10	9.2	14	13	9.6	5.2	.0	.0	.0	.0	15
16	.0	.0	16	8.0	14	12	9.2	5.2	.0	.0	.0	.0	16
17	.0	.0	21	7.8	12	12	9.2	5.2	.0	.0	.0	.0	17
18	.0	.0	15	8.4	12	12	10	5.0	.0	.0	.0	.0	18
19	.0	.0	14	7.8	11	14	12	5.0	.0	.0	.0	.0	19
20	.0	.0	12	7.6	11	15	11	4.8	.0	.0	.0	.0	20
21	.0	.0	13	7.6	11	13	10	4.8	.0	.0	.0	.0	21
22	.0	.0	12	7.8	11	12	9.6	4.6	.0	.0	.0	.0	22
23	.0	.0	12	8.0	11	12	9.2	4.4	.0	.0	.0	.0	23
24	.0	.0	11	8.0	10	11	8.4	4.2	.0	.0	.0	.0	24
25	.0	.0	10	8.0	10	10	7.8	4.2	.0	.0	.0	.0	25
26	.0	.0	10	8.0	10	10	7.6	4.0	.0	.0	.0	.0	26
27	.0	.0	10	8.0	9.6	50	7.4	4.0	.0	.0	.0	.0	27
28	.0	58	10	8.0	9.6	203	7.2	4.0	.0	.0	.0	.0	28
29	.0	70	9.6	8.0	--	164	7.0	3.9	.0	.0	.0	.0	29
30	.0	24	9.6	8.0	--	50	6.8	3.9	.0	.0	.0	.0	30
31	.0	--	9.2	8.0	--	28	--	3.8	--	.0	.0	--	31
DAILY MEAN	.0	5.1	11.6	8.6	39.9	26.7	10.8	5.3	.9	.0	.0	.0	
MAX	--	70	21	13	511	203	21	6.8	3.9	--	--	--	
MIN	.0	.0	9.2	7.6	8.0	9.2	6.8	3.8	.0	.0	.0	.0	
ACRE FEET		301	712	527	2214	1639	640	324	55				

MEAN FLOW	DATE	INSTANTANEOUS TIME	INSTANTANEOUS DISCHARGE	INSTANTANEOUS GAGE HEIGHT	DATE	INSTANTANEOUS TIME	INSTANTANEOUS DISCHARGE	INSTANTANEOUS GAGE HEIGHT	TOTAL ACRE FEET
8.9	Sat Feb 09, 1985	700	544	4.28					6412

REMARKS:

Station located 1.5 miles downstream of Mariposa Dam.
Flows are regulated by Mariposa Dam and are tributary to San Joaquin River via Eastside Bypass.
Station is operated by the U.S. Corps of Engineers. Records are published as received.
The datum for this station from 1952 to present is 337.6, USCGS.
E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING	1952:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM			6020		Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06170 OWENS CREEK BELOW OWENS DAM NEAR PLAMADA

LOCATION: LAT 37-18-30, LONG 120-11-36, T07S, R16E, SEC. 23, MD D&M

MARIPOSA COUNTY

RAINAGE AREA: 250.1 SQ MILES

HYDROLOGIC AREA: B-08.60

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.5	.5	2.0	2.0	2.0	2.0	3.0	.5	.0	.0	.0	.0	1
2	.5	.5	2.0	2.0	2.0	2.0	3.0	.5	.0	.0	.0	.0	2
3	.5	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	3
4	.5	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	4
5	.5	.5	2.0	2.0	2.0	2.0	2.0	.4	.0	.0	.0	.0	5
6	.5	1.0	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	6
7	.5	1.0	2.0	2.0	2.0	4.5	2.0	.4	.0	.0	.0	.0	7
8	.5	1.0	2.0	2.0	2.9	4.2	2.0	.3	.0	.0	.0	.0	8
9	.5	1.0	2.0	2.1	4.5	3.0	2.0	.4	.0	.0	.0	.0	9
10	.5	1.0	2.0	2.0	8.4	12	2.0	.0	.0	.0	.0	.0	10
11	.5	1.0	2.0	2.0	5.1	8.4	2.0	.0	.0	.0	.0	.0	11
12	.5	1.0	2.0	2.0	4.2	4.2	1.0	.0	.0	.0	.0	.0	12
13	.5	1.0	2.0	2.0	3.6	2.0	1.0	.0	.0	.0	.0	.0	13
14	.5	1.0	2.0	2.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	14
15	.5	2.0	3.0	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	15
16	.5	1.0	14	2.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	16
17	1.0	2.0	4.2	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	17
18	.5	2.0	3.9	2.0	3.0	3.9	1.0	.0	.0	.0	.0	.0	18
19	.5	1.0	3.0	2.0	2.0	3.0	2.0	.0	.0	.0	.0	.0	19
20	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	20
21	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	21
22	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	22
23	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	23
24	.5	2.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	24
25	.5	3.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	25
26	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	.0	26
27	.5	2.0	2.0	2.0	2.0	5.7	.5	.0	.0	.0	.0	.0	27
28	.5	18	2.0	2.0	2.0	17	.5	.0	.0	.0	.0	.0	28
29	.5	5.4	2.0	2.0	--	8.1	.5	.0	.0	.0	.0	.0	29
30	.5	3.0	2.0	2.0	--	4.2	.5	.0	.0	.0	.0	.0	30
31	.5	--	2.0	2.0	--	3.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.5	2.0	2.6	2.0	5.2	3.8	1.4	.1	.0	.0	.0	.0	
MAX	1.0	18	14	2.1	45	17	3.0	.5	--	--	--	--	
MIN	.5	.5	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	.0	
ACRE FEET	32	117	159	123	286	236	82	8					

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
1.4		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					1043

REMARKS:

Station is located 0.25 miles downstream of Owens Dam.

Flows regulated by Owens Dam and are tributary to the San Joaquin River via Eastside Bypass.

Station is operated by the U.S. Corps of Engineers. Record is published as received.

The datum for this station from 1950 to present is 338.2, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1950:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	590	.00	Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06151 OWENS CREEK AT MIDWEST BOUNDARY NEAR MERCED
LOCATION: LAT 37-13-58, LONG 120-35-48, T08S, R12E, SEC. 13, MD B&M
DRAINAGE AREA:

MERCED COUNTY
HYDROLOGIC AREA: B-08.60

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	71	10	11	9.0	10	5.0	39	21	81	41	61	73	1
2	68	11	11	9.0	17	5.0	37	14	103	35	60	69	2
3	75	14	28	10	10	6.0	22	17	177	29	52	78	3
4	73	10	15	10	9.0	6.0	18	17	145	24	66	65	4
5	78	10	12	10	9.0	7.0	23	17	109	27	69	57	5
6	67	11	11	9.0	10	6.0	24	21	90	31	59	61	6
7	80	11	12	13	10	6.0	28	13	63	30	52	69	7
8	69	24	11	12	19	7.0	37	11	47	30	53	69	8
9	57	12	11	10	26	28	23	18	43	28	65	89	9
10	39	10	18	10	25	49	20	26	45	27	67	86	10
11	63	10	11	9.0	13	45	22	35	49	31	78	92	11
12	62	11	11	9.0	12	47	23	51	33	40	111	94	12
13	69	11	11	9.0	12	46	28	88	22	37	88	102	13
14	64	10	11	10	11	30	30	78	27	37	91	98	14
15	65	12	13	9.0	10	37	31	77	28	58	87	94	15
16	64	12	19	9.0	10	39	39	62	27	41	79	91	16
17	66	10	15	10	10	39	46	49	31	34	89	88	17
18	51	11	13	9.0	10	62	32	43	31	33	96	91	18
19	56	10	11	10	9.0	43	35	61	28	40	97	83	19
20	45	10	10	10	9.0	29	37	79	26	55	82	85	20
21	47	13	10	10	9.0	24	35	66	25	51	67	71	21
22	51	10	11	10	8.0	23	43	51	25	68	69	78	22
23	37	9.0	10	10	7.0	29	25	45	31	59	73	85	23
24	20	14	10	10	6.0	34	16	59	36	32	68	77	24
25	14	11	10	10	6.0	30	19	59	30	39	77	68	25
26	13	10	10	10	5.0	28	34	55	31	49	93	57	26
27	12	10	11	10	5.0	55	28	68	31	55	68	52	27
28	12	18	11	10	5.0	47	29	61	39	49	61	87	28
29	11	12	10	11	--	47	41	58	45	65	61	101	29
30	11	12	10	9.0	--	44	36	57	46	61	76	114	30
31	10	--	10	10	--	43	--	58	--	57	68	--	31
DAILY MEAN	49.0	11.6	12.2	9.9	10.8	30.5	30.0	46.3	51.5	41.7	73.6	80.8	
MAX	80	24	28	13	26	62	46	88	177	68	111	114	
MIN	10	9.0	10	9.0	5.0	5.0	16	11	22	24	52	52	
ACRE FEET	3015	692	750	607	599	1876	1785	2846	3062	2565	4528	4808	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	DATE	TOTAL
37.5		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT		ACRE FEET
						27133

REMARKS:

Station is located below Steiner Drain near west boundary of Merced Irrigation District.
Station is operated by Merced Irrigation District. Record is published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1932:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM				

TABLE B (CONTINUED) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: B05570 BEAR CREEK BELOW BEAR RESERVOIR NEAR PLANADA

LOCATION: LAT 37-21-30, LONG 120-14-06, T073, R162, SEC. 05, MD B&M

MERCED COUNTY

DRAINAGE AREA: 72.2 SQ MILES

HYDROLOGIC AREA: B-12.00

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	15	6.6	5.8	6.6	31	4.7	.5	.0	.0	.0	1
2	.0	.0	13	6.6	6.6	7.0	31	3.8	.8	.0	.0	.0	2
3	.0	.0	11	6.2	8.2	9.6	21	3.5	.6	.0	.0	.0	3
4	.0	.0	9.0	6.2	7.4	9.0	19	3.2	.5	.0	.0	.0	4
5	.0	.0	8.2	6.2	6.6	8.6	21	2.9	.4	.0	.0	.0	5
6	.0	.0	8.2	6.2	6.2	8.2	16	2.6	.4	.0	.0	.0	6
7	.0	.0	7.4	6.2	6.2	31	14	2.3	.4	.0	.0	.0	7
8	.0	.0	6.6	7.4	7.3	66	14	1.9	.4	.0	.0	.0	8
9	.0	.0	6.2	7.8	528	34	13	1.8	.4	.0	.0	.0	9
10	.0	.0	6.6	7.6	80	32	12	1.7	.3	.0	.0	.0	10
11	.0	.0	6.6	7.4	43	129	11	1.6	.3	.0	.0	.0	11
12	.0	.0	8.6	7.0	30	66	10	1.6	.3	.0	.0	.0	12
13	.0	.0	9.6	6.6	21	38	10	1.5	.2	.0	.0	.0	13
14	.0	.0	8.6	5.8	18	27	9.0	1.5	.1	.0	.0	.0	14
15	.0	.0	9.6	5.8	16	21	9.0	1.4	.0	.0	.0	.0	15
16	.0	.0	8.2	5.8	14	21	8.6	1.4	.0	.0	.0	.0	16
17	.0	3.8	8.2	5.8	13	14	8.6	1.3	.0	.0	.0	.0	17
18	.0	4.1	9.6	5.8	11	16	11	1.1	.0	.0	.0	.0	18
19	.0	3.8	11	5.4	10	37	11	1.0	.0	.0	.0	.0	19
20	.0	3.8	10	5.4	9.6	30	9.0	.9	.0	.0	.0	.0	20
21	.0	3.5	9.6	5.0	8.6	21	8.6	.9	.0	.0	.0	.0	21
22	.0	3.2	13	5.0	8.6	17	8.6	.8	.0	.0	.0	.0	22
23	.0	3.2	13	5.0	8.2	15	8.6	.8	.0	.0	.0	.0	23
24	.0	4.4	11	5.0	7.4	14	7.4	.8	.0	.0	.0	.0	24
25	.0	21	11	5.0	7.0	13	6.2	.7	.0	.0	.0	.0	25
26	.0	21	9.6	5.0	7.0	13	6.6	.7	.0	.0	.0	.0	26
27	.0	13	8.6	5.0	6.6	173	6.2	.7	.0	.0	.0	.0	27
28	.0	135	8.6	6.2	6.6	329	5.4	.7	.0	.0	.0	.0	28
29	.0	57	11	6.6	--	112	5.0	1.6	.0	.0	.0	.0	29
30	.0	25	7.0	7.0	--	64	5.8	1.6	.0	.0	.0	.0	30
31	.0	--	7.0	6.2	--	43	--	1.6	--	.0	.0	--	31
DAILY MEAN	.0	10.1	9.4	6.1	34.8	46.0	11.9	1.7	.2	.0	.0	.0	
MAX	--	135	15	7.8	528	329	31	4.7	.8	--	--	--	
MIN	.0	.0	6.2	5.0	5.8	6.6	5.0	.7	.0	.0	.0	.0	
ACRE FEET		599	576	375	1931	2826	709	104	11				

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
9.9		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT	ACRE FEET
					7131

REMARKS:

Station is located approximately 0.75 mile downstream of Bea. Dam.

Flow regulated by Bear Dam.

Station is operated by the U.S. Corps of Engineers. Records published as received.

The datum for this station from 1955 to present is 320.5, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1956:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	4460	.00	Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05525 BEAR CREEK AT MCKEE ROAD NEAR MERCED

LOCATION: LAT 37-18-42, LONG 120-26-42, T07S, R14E, SEC. 21, MD B4M

MERCED COUNTY

DRAINAGE AREA: 201.9 SQ MILES

HYDROLOGIC AREA: B-08.H0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	97	33	45	30	23	21	91	90	149	198	186	126	1
2	63	32	39	30	23	21	90	99	162	188	185	121	2
3	62	31	37	29	22	21	88	102	166	182	190	113	3
4	62	31	35	28	22	21	87	125	154	178	222	119	4
5	69	30	26	28	22	22	87	140	141	171	216	110	5
6	75	30	25	28	22	63	87	131	139	182	197	102	6
7	86	30	25	27	22	80	87	133	140	193	189	103	7
8	72	32	25	26	43	82	87	137	145	188	202	103	8
9	71	30	24	26	1010	81	87	146	145	168	219	103	9
10	75	29	24	26	172	82	87	146	144	191	220	103	10
11	96	29	29	26	60	212	90	146	146	190	225	103	11
12	114	28	26	27	41	127	92	158	143	180	206	112	12
13	118	27	26	25	36	88	87	164	137	188	222	131	13
14	120	27	26	24	36	86	87	157	148	195	209	136	14
15	120	27	26	24	36	86	91	156	176	186	190	136	15
16	118	27	77	24	35	86	92	158	164	177	194	134	16
17	88	27	62	24	35	86	92	163	182	170	188	138	17
18	94	27	36	25	34	86	92	168	168	163	200	144	18
19	116	27	34	25	34	86	92	167	165	179	175	143	19
20	112	27	34	24	33	86	92	159	163	214	158	143	20
21	111	27	34	24	28	86	92	151	180	215	159	146	21
22	158	27	34	24	24	86	92	160	195	196	155	154	22
23	132	28	34	24	23	86	91	173	210	192	151	138	23
24	129	27	34	24	22	86	92	178	192	182	150	121	24
25	216	30	33	24	22	86	93	178	196	138	156	117	25
26	349	33	32	23	22	86	97	176	176	183	136	110	26
27	228	36	32	23	21	118	87	164	166	199	118	103	27
28	87	92	31	23	21	273	90	149	176	208	121	103	28
29	44	170	31	23	--	223	90	141	194	188	124	103	29
30	34	64	31	23	--	118	88	142	201	183	117	102	30
31	33	--	30	23	--	95	--	147	--	178	122	--	31
DAILY MEAN	108	37.2	33.5	25.3	69.4	92.5	89.9	149	165	185	178	121	
MAX	349	170	77	30	1010	273	97	178	210	215	225	154	
MIN	33	27	24	23	21	21	87	90	137	138	117	102	
ACRE FEET	6643	2212	2057	1555	3856	5685	5349	9132	9844	11390	10930	7180	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	DATE	TOTAL ACRE FEET
105		TIME DISCHARGE GAGE HEIGHT		TIME DISCHARGE GAGE HEIGHT		75833

REMARKS:

Station is located 50 feet downstream of McKee Road bridge, one mile east of Merced.

Flow is regulated by Bear and Burns Reservoirs.

Station is operated by the U.S. Corps of Engineers. Record is published as received. A gage height of 22.9 feet was taken from high water mark and the discharge was estimated at 9500 cfs. Record for this station has been published in Department of Water Resources publications since 1969.

The datum for this station from 1956 to present is 75.0, assumed.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1956:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		5542	17.35	Sun Feb 11, 1973	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05510 BEAR CREEK AT MERCED IRRIGATION DISTRICT WEST BOUNDARY

LOCATION: LAT 37-15-21, LONG 120-39-08, T08S, R12E, SEC. 09, MD B&M

MERCED COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-08.H0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	177	.0	6.0	4.0	9.0	6.0	476 E	45	47	67	107	54	1
2	107	.0	.0	4.0	13	8.0	69 E	30	83	61	94	58	2
3	95	.0	8.0	3.0	8.0	9.0	30	39	147	40	83	59	3
4	87	.0	2.0	2.0	5.0	6.0	19	29	122	29	68	42	4
5	93	.0	.0	3.0	7.0	8.0	24	59	60	24	92	46	5
6	95	.0	.0	2.0	7.0	6.0	25	80	27	24	59	64	6
7	104	.0	.0	3.0	5.0	28	22	32	20	32	40	42	7
8	113	.0	.0	6.0	9.0	107	51	43	37	33	55	63	8
9	94	.0	.0	4.0	596	105	55	31	51	29	85	63	9
10	106	.0	.0	5.0	427	100	35	55	44	28	92	62	10
11	181	.0	2.0	6.0	137	243	22	31	39	30	100	68	11
12	194	.0	8.0	5.0	70	266	76	43	46	46	60	56	12
13	173	.0	13	6.0	38	145	59	51	32	34	56	83	13
14	161	.0	3.0	5.0	24	104	30	32	26	32	58	147	14
15	162	.0	.0	5.0	18	59	69	24	15	46	56	107	15
16	178	.0	.0	5.0	15	42	71	30	35	39	58	146	16
17	171	.0	73	6.0	12	52	103	59	48	33	71	148	17
18	123	.0	167	6.0	10	122	92	32	52	36	62	164	18
19	154	.0	40	8.0	11	67	91	48	54	47	63	186	19
20	136	.0	13	6.0	11	38	94	55	60	55	38	181	20
21	115	.0	.0	6.0	9.0	55	155	42	30	68	24	186	21
22	176	.0	.0	9.0	8.0	41	129	39	38	77	34	230	22
23	246	.0	.0	6.0	8.0	38	67	23	67	52	40	234	23
24	233	.0	.0	5.0	7.0	42	50	43	68	56	32	173	24
25	213	.0	.0	6.0	7.0	28	51	54	34	32	43	145	25
26	347	.0	.0	6.0	6.0	19	74	67	42	41	52	151	26
27	347	.0	.0	7.0	5.0	67	41	67	27	79	27	109	27
28	347	.0	.0	7.0	5.0	265	44	58	40	128	33	127	28
29	47	200	.0	8.0	--	460 E	59	47	50	101	60	124	29
30	10	57	.0	8.0	--	476 E	22	63	71	64	36	139	30
31	.0	--	.0	9.0	--	476 E	--	54	--	79	43	--	31
DAILY MEAN	154	8.6	10.8	5.5	53.1	113	73.5	45.3	50.4	49.7	58.7	115	
MAX	347	200	167	9.0	596	476	476	80	147	128	107	234	
MIN	.0	.0	.0	2.0	5.0	6.0	19	23	15	24	24	42	
ACRE FEET	9491	510	664	339	2949	6918	4374	2787	2999	3059	3612	6857	

MEAN FLOW 61.5
DATE
INSTANTANEOUS MAXIMUM FLOW, 1984-5
TIME DISCHARGE GAGE HEIGHT
INSTANTANEOUS MINIMUM FLOW, 1984-5
DATE TIME DISCHARGE GAGE HEIGHT
TOTAL ACRE FEET 44559

REMARKS:

Station located 400 feet downstream of Crane Road bridge, 6.6 miles southwest of Merced.

Discharge is estimated at times when gage height exceeds 7.50 feet.

Station is operated by Merced Irrigation District. Monthly flow record for the period 1947-68 published in Bulletin 130-69.

The datum for this station from 1930 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1930:

ACRE FEET FLOW CFS GAGE HEIGHT DATE TIME
AVERAGE/YEAR
INSTANTANEOUS MAXIMUM

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05516 BEAR CREEK BELOW EASTSIDE CANAL NEAR CRANE RANCH
LOCATION: LAT 37-15-14, LONG 120-43-12, T08S, R11E, SEC. 12, MD B&M
DRAINAGE AREA:

MERCED COUNTY
HYDROLOGIC AREA: B-08.G0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	171	19	35	12 *	11 *	3.5*	142	.9	17	7.2*	6.1*	3.9	1
2	126 *	19 *	25	11	14	3.6	43 *	.8E*	25	5.6	8.6	4.5	2
3	103	19	32 *	11	14	3.6	15	1.2E	80 *	4.1	7.9	15	3
4	64	15	31	11	11	3.7	13	1.7E	118	3.9	5.4	22	4
5	50	12	28	11	12	4.0	12	2.5E	95	3.8	6.6	19	5
6	51	7.7	21	10	12	4.3	12	3.3E	42	3.6	6.5	26	6
7	57	4.8	17	10	11	5.9	11	4.3E	18	3.4	4.7	22	7
8	67	5.6	16	13	11	44	12	5.6E	14	3.4	4.5	51	8
9	51	4.0	15	11	183	126	14	7.2E	11	3.3	6.0	88	9
10	56	3.2	17	12	317	137	11	9.0E	7.3	3.3	7.3	111	10
11	135	2.7	23	12	140	189	9.4	11 E	6.3	3.1	9.8	112	11
12	182 E	2.3	24	11	84	239	9.5	14 E	5.8	3.0	7.0	79	12
13	183 E	1.9*	23	11	50	190	8.8	16 E*	5.1	2.9	5.9	53	13
14	196 E	1.8	18	9.9	38 *	162	7.4	10	4.4	2.9	7.1*	92	14
15	198 E	1.7	17	10	31	136	6.7	8.2	3.8	2.8	6.9	75	15
16	196 E*	1.6	34	9.6	26	122	6.4	7.8	3.6	2.8*	6.1	92	16
17	198	1.5	107	9.6*	22	123	6.2	12	3.4	2.8	7.4	96	17
18	194	1.5	55 *	10	19	138	10 *	8.5	2.6*	2.7	7.5	122	18
19	175	1.5	37	11	17	121 *	42	9.6	2.4	3.1	8.0	154	19
20	178	1.4	29	10	23	85	34	14	2.5	3.2	6.5	114	20
21	149	1.4	26	9.7	13	92	50	13	2.7	4.3	4.1	101	21
22	168	1.3	25	12	11	73	53	13	2.9	6.1	5.0	121	22
23	250	1.3	22	9.8	11	49	67	9.0	2.8	3.6	4.9	167	23
24	232	1.4	19	9.1	9.9	40	46	8.9	3.0	4.5	5.7	163	24
25	202	1.3	17	9.6	9.1	48	3.5	13	3.0	3.3	7.1	142	25
26	279	1.3	16	9.5	8.1	69	3.3	18	3.1	3.1	8.5	144	26
27	321	1.3	15	10	5.5	98	2.3	22	3.5	3.6	5.4	124	27
28	166	2.0	15	9.5	3.8	213	1.5	21	4.0	9.4	4.7	121	28
29	61	99	14	11	--	385	1.3	19	4.5	11	4.7	124	29
30	33	77	14	11	--	243	1.2	19	6.1	5.2	2.9	158	30
31	24	--	13	10	--	205	--	17	--	4.6	3.3	--	31
DAILY MEAN	146	10.5	25.8	10.6	39.9	108	21.8	10.3	16.8	4.2	6.2	90.5	
MAX	321	99	107	13	317	385	142	22	118	11	9.8	167	
MIN	24	1.3	13	9.1	3.8	3.5	1.2	.8	2.4	2.7	2.9	3.9	
ACRE FEET	8957	624	1587	649	2216	6656	1298	636	997	257	381	5388	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	TIME	DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TIME	DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
40.9	Fri Mar 29, 1985	1200	465	88.15		Thu May 02, 1985	400	.7	84.64		29646

REMARKS:

Station is located on right bank 0.1 mile downstream of Eastside Canal.
Staff gage readings and discharge measurement record available from 1967.
Station is operated in cooperation with the state Reclamation Board. Recorder installed Jan 1980.
The datum for this station from 1967 to present is .0, USCCS.
E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING	1979:	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM			2110	90.53	Dec 27, 1983	1200

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B56100 BURNS CREEK BELOW BURNS DAM NEAR PLAMADA

LOCATION: LAT 37-22-30, LONG 120-16-30, T06S, R15E, SEC. 36, MD B4M

MERCED COUNTY

DRAINAGE AREA: 73.7 SQ MILES

HYDROLOGIC AREA: B-08.J0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.4	.0	.7	.8	4.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	1.4	1.0	3.0	.0	.0	.0	.0	.0	2
	.0	.0	1.4	.0	2.8	1.2	2.2	.0	.0	.0	.0	.0	3
	.0	.0	1.0	.0	2.2	1.2	1.7	.0	.0	.0	.0	.0	4
	.0	.0	.2	.0	1.3	1.0	1.4	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.9	.9	1.1	.0	.0	.0	.0	.0	6
	.0	.0	.0	.6	.8	1.0	1.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.8	174	2.6	.8	.0	.0	.0	.0	.0	8
	.0	.0	.0	.9	233	2.6	.8	.0	.0	.0	.0	.0	9
	.0	.0	.0	.8	43	3.6	.6	.0	.0	.0	.0	.0	10
	.0	.0	.0	.6	24	92	.5	.0	.0	.0	.0	.0	11
	.0	.0	.0	.6	16	21	.4	.0	.0	.0	.0	.0	12
	.0	.0	.0	.4	12	10	.3	.0	.0	.0	.0	.0	13
	.0	.0	.0	.4	9.5	5.8	.2	.0	.0	.0	.0	.0	14
	.0	.0	.0	.4	7.0	3.8	.1	.0	.0	.0	.0	.0	15
	.0	.0	.0	.4	5.8	2.8	.0	.0	.0	.0	.0	.0	16
	.0	.0	.0	.3	4.9	2.0	.0	.0	.0	.0	.0	.0	17
	.0	.0	.0	.2	3.3	2.2	.0	.0	.0	.0	.0	.0	18
	.0	.0	.0	.4	3.2	4.3	.0	.0	.0	.0	.0	.0	19
	.0	.0	.0	.4	2.6	4.6	.0	.0	.0	.0	.0	.0	20
	.0	.0	.0	.4	2.4	2.8	.0	.0	.0	.0	.0	.0	21
	.0	.0	.0	.4	1.8	1.8	.0	.0	.0	.0	.0	.0	22
	.0	.0	.0	.3	1.6	1.4	.0	.0	.0	.0	.0	.0	23
	.0	4.2	.0	.2	1.4	1.1	.0	.0	.0	.0	.0	.0	24
	.0	1.9	.0	.2	1.2	.9	.0	.0	.0	.0	.0	.0	25
	.0	.0	.0	.2	1.0	.9	.0	.0	.0	.0	.0	.0	26
	.0	.0	.0	.2	1.0	24	.0	.0	.0	.0	.0	.0	27
	.0	51	.0	.4	.8	38	.0	.0	.0	.0	.0	.0	28
	.0	.0	.0	1.0	--	24	.0	.0	.0	.0	.0	.0	29
	.0	1.4	.0	1.3	--	11	.0	.0	.0	.0	.0	.0	30
	.0	--	.0	.9	--	6.1	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	2.0	.1	.4	20.0	8.9	.6	.0	.0	.0	.0	.0	
MAX	--	51	1.4	1.3	233	92	4.0	--	--	--	--	--	
MIN	.0	.0	.0	.0	.7	.8	.0	.0	.0	.0	.0	.0	
CORE													
EST		116	6	25	1110	548	36						

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5			DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5			TOTAL
2.5		TIME	DISCHARGE	GAGE HEIGHT		TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
									1841

REMARKS:

Station located 0.5 miles downstream of Burns Dam.

Flow is regulated by Burns Dam since 1950.

Station operated by the U.S. Corps of Engineers. Records are published as received.

The datum for this station from 1950 to present is 260.6, USCGS.

-- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1950:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	2590		Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07400 SAN JOAQUIN RIVER NEAR STEVENSON

LOCATION: LAT 37-17-42, LONG 120-51-00, T07S, R10E, SEC. 26, MD B&M

MERCED COUNTY

DRAINAGE AREA: 7388.0 SQ MILES

HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	217	86 *	108	50	71	32	415 *	34 *	69	24 *	20 *	16	1
2	234	79	88	47	61	29	228	32	77	27	19	12	2
3	210	70	75 *	46 *	64	28	101	32	127 *	22	17	11 *	3
4	203	62	89	45	56 *	31 *	62	27	232	21	18	25	4
5	220	54	91	41	51	32	56	26	263	19	16	41	5
6	233	49	83	39	51	34	50	28	220	16	16	56	6
7	252	42	71	41	49	33	45	31	149	15	18	60	7
8	258	41	62	48	50	34	39	29	107	15	23	65	8
9	268	42	56	52	76	100	50	24	67	14	27	96	9
10	252	42	56	48	405	152	54	27	38	11	23	123	10
11	255	37	59	48	557	190	49	31	28	9.7	28	130	11
12	307	34	63	50	422	335	49	32	26	9.1	51	137	12
13	332	32 *	62	54	255 *	352	47	33 *	22	7.9	50	102	13
14	350	30	61	62 *	141	302	41	38	18	6.9	46 *	118	14
15	356	31	55	69	100	254	35	40	14	5.8*	42	149	15
16	376	32	60	64	94	207	31 *	44	11	5.6	34	165 *	16
17	385	33	134 *	61	79	187	33	40	8.7*	8.2	32	197	17
18	408	34	172	81	64	175	36	48	9.4	9.8	33	206	18
19	423	34	125	81	56	269	64	43	11	12	35	236	19
20	418	35	110	69	52	256 *	81	42	10	13	35	231	20
21	362	33	88	61	59	237	85	59	12	16	45	182	21
22	328	32	76	60	52	230	106	56	16	25	43	195	22
23	355	33	68	62	49	198	118	54	13	42	40	240	23
24	370	38	67	72	46	176	135	47	12	42	36	308	24
25	311	39	66	88	44	178	64	51	11	30	46	277	25
26	279	39	62	96	43	136	45	66	14	19	61	247	26
27	316	36	61	103	40	146	50	76	15	19	64	215	27
28	292	34	58	110	34	236	41	81	20	28	57	169	28
29	187	52	56	105		438	39	82	16	28	46	162	29
30	125	142	57	96		526	40	70	15	30	33	176	30
31	98		55	80		487		70		23	23		31
DAILY MEAN	290	45.9	77.2	65.5	111	194	76.3	44.9	55.0	18.5	34.7	145	
MAX	423	142	172	110	557	526	415	82	263	42	64	308	
MIN	98	30	55	39	34	28	31	24	8.7	5.6	16	11	

ACRE FEET	17810	2731	4748	4024	6190	11940	4540	2763	3275	1139	2136	8622
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Summary Data for Water Year 1984-5

MEAN FLOW					INSTANTANEOUS MAXIMUM FLOW					INSTANTANEOUS MINIMUM FLOW					TOTAL
96.6	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET		
	February 11	0345	605	65.42	July 15	1800	5.2	60.58					69918		

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station located on Highway 165 (Landers Ave.) bridge, 2.3 miles south of Stevenson.

Flows are regulated by upstream reservoirs.

The datum for this station from 1961 to present is .0, USCGS.

FOR PERIOD OF RECORD BEGINNING 1961:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		26740	76.23	Wednesday	February 26, 1969

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00975 PANOCHE DRAIN NEAR DOS PALOS

LOCATION: LAT 36-55-24, LONG 120-41-18, T12S, R12E, SEC. 05, MD B&M

FRESNO COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	16 *	16 *	46	20	22	50	45 *	49 *	71	76 *	61 *	47	1
	16	19	49	20	26	51	41	50	73	78	58	47	2
	16	21	75	20 *	30	51	43	47	75 *	78	63	45 *	3
	16	21	75	24	27 *	50 *	42	49	74	78	72	41	4
	17	20	53	23	28	51	46	51	74	75	72	40	5
	18	22	45	21	27	50	43	51	74	80	65	50	6
	22	24	37	23	31	51	43	50	64	78	66	47	7
	21	35	36	25	27	45	42	52	58	77	69	44	8
	19	30	35	26	27	45	38	51	62	77	73	48	9
	21	29	45	22	27	50	37	51	63	76	73	47	10
	25	33	41	21	28	53	35	55	61	80	74	41	11
	23	35	38	21	35	54	37	55	62	79	75	43	12
	19	36	40	21	35 *	51	37	58 *	62	78	74	43	13
	19	33	38 *	22	35	53	38	60	67	78	72	39	14
	23 *	31	39	22	34	58	41	55	68	79 *	76	33	15
	20	41	40	22	33	58	38 *	57	71	80	78	30 *	16
	19	47	36	23	34	57	42	54	75	77	60	25	17
	17	35	35	25	35	61	42	58	77	74	66	24	18
	17	29	36	29	34	63	43	62	74	76	63	23	19
	18	30	36	27	33	60 *	48	60	72	75	59	23	20
	17	34	31	27	35	59	50	59	75	75	63	20	21
	18	32	26	27	34	57	45	59	77	71	65	19	22
	17	30	24	26	35	58	45	58	74	72	60	19	23
	20	38	25	28	35	56	43	59	73	71	63	19	24
	20	32	24	26	41	55	45	66	75	72	60	20	25
	18	33	25	26	47	59	53	64	74	71	57	22	26
	17	40	25	26	44	59	49	64	73	64	52	23	27
	17	45	24	28	47	57	45	63	77	65	53	21	28
	18	43	21	31		49	49	64	77	68	59	21	29
	17	41	20	28		47	50	67	75	64	51	19	30
	16		20	22		52		70		65	46		31
ILY	18.6	31.8	36.8	24.3	33.1	53.9	43.2	57.0	70.9	74.4	64.5	32.8	
AN	25	47	75	31	47	63	53	70	77	80	78	50	
X	16	16	20	20	22	45	35	47	58	64	46	19	
N													
RE	1144	1894	2261	1492	1837	3312	2569	3507	4219	4576	3963	1950	
ET													

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL ACRE FEET
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
45.2	December 3	2230	86	6.13	October 27	2330	14	1.85
								32724

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

MARKS:

Station is located 0.5 miles south of Main Canal levee road, 5.6 miles southeast of Dos Palos.

Station records surface agricultural return flows.

Station is operated in cooperation with Panoche Drainage District.

The datum for this station from 1959 to present is 2.0, local.

PERIOD OF RECORD BEGINNING 1959:

AVERAGE/YEAR INSTANTANEOUS MAXIMUM	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
		119	7.20	Monday February 3, 1975	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00470 SALT SLOUGH NEAR STEVENSON

LOCATION: LAT 37-14-54, LONG 120-51-06, T04S, R10E, SEC. 10, MD B4M

MERCED COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	117 *	59 *	66	108	111	208	443 *	212 *	346	366 *	314 *	255	1
2	111	54	52	108	117	200	418	228	378	381	293	286	2
3	138	52	50 *	103 *	124	213	390	266	428 *	345	300	266 *	3
4	125	72	66	76	131 *	234 *	402	280	438	321	277	216	4
5	112	61	70	72	99	279	412	288	419	291	277	190	5
6	120	67 E	84	70	99	271	412	333	381	303	250	175	6
7	145	74 E	95	78	99	267	390	346	342	328	239	205	7
8	126	82 E	122	112	106	284	391	310	313	363	264	221	8
9	84	96 E	125	114	135	271	400	308	290	335	229	217	9
10	72	105 E	131	111	152	307	390	309	267	266	208 E	201	10
11	85	117 E	134	106	163	360	384	307	193	213	202 E	182	11
12	112	116 E	129	105	169	390	386	331	155	236	199 E	165	12
13	79	106 E*	123	101	168 *	390	396	401 *	162	242	195 E	150	13
14	99	109	123	99 *	166	347	374	385	160	238	188 E*	139	14
15	111 *	105	97	92	152	316	349	398	146	207 *	199	126	15
16	107	93	94	63	160	280	342 *	380	139	189	225	125 *	16
17	109	91	90 *	61	177	291	323	352	172 *	154	280	106	17
18	102	91	89	59	189	337	334	370	188	113	314	103	18
19	102	97	111	56	192	376	299	380	159	95	349	114	19
20	99	97	112	56	203	361 *	285	406	138	85	393	102	20
21	88	97	108	59	198	364	274	422	149	97	382	105	21
22	77	94	106	60	212	329	268	365	131	142	337	122	22
23	78	89	106	87	211	303	280	304	128	144	318	132	23
24	128	114	108	91	238	315	288	316	171	124	331	157	24
25	135	115	112	89	243	338	264	309	218	124	328	145	25
26	143	113	113	99	248	347	248	293	242	122	348	143	26
27	130	105	114	107	236	383	292	328	223	188	314	126	27
28	126	102	115	115	216	437	291	379	233	251	259	132	28
29	128	103	109	118	--	433	277	361	248	281	263	141	29
30	111	94	108	115	--	416	254	343	322	302	261	161	30
31	78	--	108	109	--	447	--	340	--	309	260	--	31
DAILY MEAN	109	92.3	102	90.3	168	326	342	334	243	231	277	164	
MAX	145	117	134	118	248	447	443	422	438	381	393	286	
MIN	72	52	50	56	99	200	248	212	128	85	188	102	
ACRE FEET	6698	5494	6288	5552	9350	20020	20340	20530	14440	14190	17050	9735	

MEAN FLOW				INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
207	Sun Mar 31, 1985	1530	456	67.73	Sun Dec 02, 1984	2215	44	64.06				149687

REMARKS:

Station is located at Highway 165 (Landers Ave) bridge, 5.5 miles south of Stevenson.

Station is affected by backwater from the San Joaquin River. Flows include agricultural drainage. The maximum gage height of record (70.35 feet) does not represent the maximum discharge due to backwater conditions.

The datum for this station from 1968 to present is .0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1968:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	572	70.10	Fri Feb 22, 1980	1015

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B51250 MAXWELL CREEK AT COULTERVILLE

LOCATION: LAT 37-42-58, LONG 120-11-20, T02S, R16E, SEC. 34, MD B&M

MARIPOSA COUNTY

DRAINAGE AREA: 17.0 SQ MILES

HYDROLOGIC AREA: B-11.B1

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	0.4	0.5	1.9	1.2*	1.3	1.8	9.4	1.1	0.6	0.2	0.3	0.0	1
	0.3	0.6*	1.8	1.2	1.3	2.6	7.2	1.0	0.8	0.0*	0.0*	0.0	2
	0.3*	0.8	1.7	1.2	1.3	2.1	6.2	1.0	0.9	0.0	0.0	0.0	3
	0.3	0.8	1.5*	1.2	221	2.0*	5.5	1.0	0.7	0.0	0.0	0.0	4
	0.3	0.7	1.5	1.2	40 *	2.0	4.9	1.0	0.6	0.0	0.0	0.0*	5
	0.3	1.0	1.4	1.2	8.8	3.2	4.1	1.0	0.5	0.0	0.0	0.0	6
	0.3	1.0	1.3	2.1	5.3	11	3.8	1.0	0.5	0.0	0.0	0.0	7
	0.3	5.0	1.3	1.9	3.9	7.6	3.4	0.9	0.5	0.0	0.0	0.1	8
	0.3	2.2	1.3	1.7	3.3	7.8	3.2	0.9	0.4	0.0	0.0	0.4	9
	0.3	1.5	2.6	1.5	2.8	37	2.9	0.9	0.4	0.0	0.0	0.0	10
	0.8	1.4	2.2	1.4	2.6	72	2.7	0.9	0.4	0.0	0.0	0.0	11
	0.4	1.3	1.9	1.3	2.6	28	2.6	0.8	0.4	0.0	0.0*	0.0	12
	0.4	4.4	1.8	1.3	2.5	13	2.4	0.8	0.3	0.0	0.0	0.0	13
	0.4	2.8*	1.6	1.3	2.5	8.8	2.1	0.8	0.3	0.0	0.0	0.0	14
	0.4	1.9	1.9	1.2	2.5*	6.9	2.1	0.7	0.3	0.0*	0.0	0.0	15
	0.8	1.9	2.7	1.2*	2.4	5.7	2.1	0.7	0.3	0.1	0.0	0.0	16
	1.3	1.8	2.2	1.2	2.3	5.2	2.3	0.7	0.3	0.5	0.0	0.0*	17
	0.7	2.0	1.9*	1.2	2.2	9.1*	2.2	0.7	0.2	0.9	0.2	0.5	18
	0.7	1.7	1.9	1.1	2.0	8.3	2.0	0.7	0.2	0.9	0.1	1.0	19
	0.7	1.5	2.0	1.1	2.0	6.6	1.9	0.7	0.2	1.0	0.0	0.3	20
	0.6	1.8	2.1	1.2	2.0	6.0	1.9	0.6	0.2	0.9	0.0	0.2	21
	0.6	1.6	2.0	1.2	1.9	5.4	1.8	0.6	0.2	0.4	0.0	0.1	22
	0.6	1.4	1.9	1.2	1.9	5.0	1.6	0.5	0.2	1.1	0.0	0.0	23
	0.5	7.8	1.8	1.2	1.8	4.8	1.6	0.5	0.2	1.2	0.0	0.0	24
	0.5	4.5	1.7	1.1	1.8	4.6	1.5	0.6	0.2	0.3	0.0	0.0	25
	0.5	2.3	1.7	1.2	2.8	13	1.4	0.5	0.2	0.0	0.0	0.0	26
	0.5	3.6	1.4	1.1	2.3	148	1.3	0.5	0.2	0.0	0.0	0.0	27
	0.5	24	1.4	1.4	2.0	202	1.3	0.6	0.2	0.0	0.0	0.0	28
	0.5	4.3	1.3	1.4		40	1.2	0.6	0.2	0.0	0.0	0.0	29
	0.5	2.5	1.3	1.3		19	1.1	0.6	0.2	0.0	0.0	0.0	30
	0.5		1.3	1.2		13		0.6		0.0	0.0		31
JULY	0.5	3.0	1.8	1.3	11.8	22.6	2.9	0.8	0.4	0.2	0.0	0.1	
AUG	1.3	24	2.7	2.1	221	202	9.4	1.1	0.9	1.2	0.3	1.0	
SEP	0.3	0.5	1.3	1.1	1.3	1.8	1.1	0.5	0.2	0.0	0.0	0.0	
TOTAL	31	176	108	80	653	1391	174	47	21	15	1	5	

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
3.7	March 28	0200	708	5.15	June 19	2000	0.0	2.42	2702

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on downstream side of Dogtown Road bridge, 0.5 mile northeast of Coulterville. Altitude of gage is approximately 1740 ft.

Maximum discharge of record is from rating curve extended above maximum measurement of 902 cfs. There is no upstream regulation.

Base datum for this station from 1958 to present is .0, local.

PERIOD OF RECORD BEGINNING 1958:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		1770	5.71	Wednesday	December 23, 1964

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05170 MERCED RIVER BELOW SWELLING

LOCATION: LAT 37-30-24, LONG 120-27-00, T05S, R14E, SEC. 17, MD B4M

MERCED COUNTY

DRAINAGE AREA: 1096.0 SQ MILES

HYDROLOGIC AREA: B-08.J0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	212	191	1200	1520	352	210	192	200	211	183	147	144	1
2	194 *	193 *	1180	1530	208	186	178 *	217 *	217	185 *	168 *	138	2
3	203	193	1180	1530	206	155	152	210	218 *	186	164	145	3
4	205	191	1180 *	1070 *	203	154	143	211	206	173	137	126	4
5	207	199	1190	565	206 *	158 *	163	211	198	162	125	114 *	5
6	203	204	1200	543	203	170	174	207	201	157	121	117	6
7	200	198	1220	533	201	186	170	207	195	155	128	143	7
8	196	219	1240	525	287	176	159	222	192	147	144	152	8
9	199	226	1240	512	246	166	163	221	189	146	145	153	9
10	207	229	1260	499	209	239	177	234	193	152	136	125	10
11	673	230	1260	500	202	210	160	225	193	164	141	131	11
12	676	229	1270	500	204	185	179	224	205	151	146	139	12
13	270	234	1280	497	199	168	188	205	207	136	131	142	13
14	266	226 *	1280	487	199 *	185	177	209 *	204	153	145	132	14
15	263	224	1320	478 *	202	195	167	213	209	153	144 *	125	15
16	264 *	226	1330	436	197	188	168	202	201	151 *	139	132	16
17	234	240	1150	373	201	176	162 *	199	198	141	143	125 *	17
18	226	241	978 *	370	197	190	170	206	195 *	147	155	129	18
19	225	303	968	371	193	184 *	179	190	191	151	138	133	19
20	232	770	835	370	191	190	186	198	196	147	148	130	20
21	226	1170	877	367	197	191	180	206	201	151	164	186	21
22	216	1190	1270	367	174	183	181	206	195	160	157	183	22
23	218	1170	1310	369	172	181	183	193	198	161	155	189	23
24	215	1200	1310	368	190	170	187	200	186	157	163	195	24
25	213	1190	1310	369	187	173	192	206	192	144	165	194	25
26	209	1180	1310	370	192	182	203	202	211	149	165	190	26
27	205	1190	1320	373	185	200	203	203	214	149	161	194	27
28	207	1250	1400	375	191	202	193	204	218	157	159	190	28
29	196	1200	1520	372	--	203	196	242	207	161	155	197	29
30	198	1190	1510	372	--	202	187	224	192	158	160	818	30
31	194	--	1530	371	--	196	--	211	--	150	159	--	31
DAILY MEAN	247	563	1240	557	207	186	177	210	201	156	149	174	
MAX	676	1250	1530	1530	352	259	203	242	218	186	168	818	
MIN	194	191	835	367	172	154	143	190	186	136	121	114	
ACRE FEET	15180	33510	76220	34280	11490	11410	10540	12910	11970	9594	9140	10340	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
341	Fri Jan 04, 1985	TIME 315 DISCHARGE 1640 GAGE HEIGHT 9.09	Wed Sep 04, 1985	TIME 1615 DISCHARGE 101 GAGE HEIGHT 5.49	ACRE FEET 246584

REMARKS:

Station is located 0.2 mile downstream of Merced-Snellings highway bridge.

Flows are affected by upstream regulation and diversion.

The datum for this station from 1959 to present is 221.1, USGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1928:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	14500	17.10	Thu Jan 07, 1965	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05155 MERCED RIVER AT CRESSEY

LOCATION: LAT 37-25-30, LONG 120-39-48, T06S, R12E, SEC. 09, MD B&M

MERCED COUNTY

DRAINAGE AREA: 1224.0 SQ MILES

HYDROLOGIC AREA: B-08 H0

PER YEAR OCTOBER 1984 thru SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	314 *	203 *	1170	1490	465	220	248 *	215 *	145	183 *	106 *	160	1
	213	198	1160	1480	405	284	207	192	176	140	103	146	2
	184	207	1170 *	1500 *	281	216	149	210	228 *	137	150	121 *	3
	222	194	1150	1470	252 *	183	129	188	212	149	204	101	4
	204	200	1150	736	254	195 *	136	192	202	204	162	102	5
	191	207	1150	617	256	199	156	201	148	143	93	78	6
	179	222	1150	596	244	234	169	176	133	131	114	83	7
	197	244	1170	582	268	229	208	176	148	147	138	118	8
	235	249	1170	565	748	201	189	210	130	115	127	131	9
	240	250	1210	551	401	213	192	231	129	125	115	178	10
	301	254	1190	540	301	420	179	266	124	138	133	160	11
	956	244	1200	547	268	355	175	277	126	161	148	149	12
	492	262 *	1190	538	241 *	276	236	261 *	153	146	126	132	13
	364	245	1200	533	234	222	228	213	159	115	95 *	124	14
	340	224	1200	525 *	234	221	208	212	146	141 *	98	129	15
	317 *	228	1250	527	228	227	196 *	219	164	1572	103	138 *	16
	345	224	1220 *	464	223	230	189	193	189	146	116	105	17
	277	252	930	443	228	252	193	173	181	137	134	84	18
	266	221	899	443	218	266 *	244	217	137	119	194	67	19
	292	381	853	440	219	224	265	204	133	127	164	82	20
	301	970	724	441	214	215	266	163	143	130	163	110	21
	280	1150	1090	455	219	204	245	190	157	148	186	190	22
	253	1160	1200	454	175	185	233	174	167	120	190	190	23
	229	1190	1230	454	198	174	240	100	212	112	205	212	24
	216	1170	1240	452	212	168	224	113	159	108	197	245	25
	223	1160	1240	451	209	181	243	113	159	104	202	240	26
	224	1180	1260	455	214	249	271	138	204	117	175	252	27
	219	1290	1270	459	216	280	266	165	225	133	158	269	28
	223	1190	1430	467	--	324	254	161	240	143	146	275	29
	223	1170	1460	463	--	278	261	170	226	139	117	298	30
	211	--	1470	464	--	255	--	158	--	133	142	--	31
DAILY	282	545	1174	632	273	238	213	189	169	183	145	156	
MEAN	956	1290	1470	1500	748	420	271	277	240	1572	205	298	
MAX	179	194	724	440	175	168	129	100	124	104	93	67	
MIN													
TOTAL	17320	32410	72190	38880	15140	14640	12690	11640	10030	11230	8934	9261	

STATION FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL	
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
351	Tue Jan 01, 1985	15	1510	13.76	Wed Sep 18, 1985	2200	64	10.93	254365	

REMARKS:

Station located on the right bank 150 feet downstream of McSwain Bridge in the town of Cressey.

Bridge was moved 400 downstream on May 20, 1960. Flow is regulated by upstream reservoirs and diversions.

The datum for this station from 1950 to 1962 is 96.2, USCGS.

The datum for this station from 1962 to present is 86.2, USCGS.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1941:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	34400	22.67	Mon Dec 04, 1950	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B08735 ORESTIMBA CREEK BELOW HIGHWAY 33

LOCATION: LAT 37-22-42, LONG 121-03-18, T06S, R08E, SEC. 26, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 196.1 SQ MILES

HYDROLOGIC AREA: B-06.A0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	6.2*	22 *	0.7	1.8	3.5	60 *	40 *	13 *	17	15 *	55 *	48	1
2	10	32	0.8	1.5	2.0	17	52	12	35	4.7	65	37	2
3	9.7	17	0.7*	1.8*	2.9	38	20	21	34 *	5.1	56	25	3
4	3.0	4.5	1.3	1.5	1.5*	51	6.1	15	13	7.3	58	12 *	4
5	8.0	5.2	1.0	1.4	3.3	57	19	65	26	15	60	32	5
6	4.1	3.7	1.1	1.2	2.9	56	28	23	16	11	39	54	6
7	26	3.3	1.3	1.6	3.4	66	22	41	30	10	33	72	7
8	35	16	1.3	1.4	5.6	22	48	45	33	20	36	135	8
9	22	38	0.9	1.8	3.1	19	32	57	61	13	31	97	9
10	8.0	12	1.0	1.3	2.3	26	11	47	60	14	19	81	10
11	21	0.2	9.6	2.2	2.3	24	10	62	21	29	51	60	11
12	29	1.6	15	6.2	2.8	15	13	79	17	43	34	38	12
13	29	5.9	0.6	4.2	3.3	7.6	13	103	31	39	16	27	13
14	10	6.2*	5.4	2.7*	1.1*	20	12	86 *	15	51	13	32	14
15	17 *	10	3.9	1.7	2.3	30	12	69	32	74	8.9*	51	15
16	15	19	3.3	1.4	2.8	14	6.7*	18	78	57 *	14	62 *	16
17	5.2	16	2.2*	1.3	3.7	29	21	33	28 *	43	21	36	17
18	2.8	5.6	2.0	1.1	3.7	12	11	36	22	47	31	16	18
19	3.7	3.7	0.9	1.0	2.9	3.3*	10	41	23	44	22	48	19
20	3.4	2.5	2.4	1.0	8.6	2.6	15	77	35	36	14	44	20
21	1.0	1.5	2.4	1.1	7.0	4.4	21	47	26	34	17	39	21
22	1.2	1.5	1.0	1.1	47	2.7	14	22	8.2	38	17	54	22
23	1.5	1.2	0.6	1.2	43	7.8	15	12	10	38	19	67	23
24	26	1.5	0.5	1.2	77	26	19	4.4	17	38	12	34	24
25	46	1.5	1.0	1.4	103	19	26	5.3	18	36	30	39	25
26	34	1.4	0.6	3.0	84	26	60	27	5.8	37	41	40	26
27	31	2.6	1.4	3.6	62	79	41	31	2.5	50	28	71	27
28	37	0.7	1.2	3.3	51	94	33	41	1.8	52	48	88	28
29	41	0.6	1.3	2.9		83	33	14	1.5	54	53	86	29
30	76	0.8	1.3	2.0		77	35	21	23	48	51	81	30
31	15		1.7	3.3		81		9.0		52	41		31
DAILY MEAN	18.6	7.9	2.2	2.0	19.2	34.5	23.3	38.0	24.7	34.0	33.4	53.5	
MAX	76	38	15	6.2	103	94	60	103	78	74	65	135	
MIN	1.0	0.2	0.5	1.0	1.1	2.6	6.1	4.4	1.5	4.7	8.9	12	

ACRE FEET	1146	471	136	123	1067	2121	1386	2334	1469	2093	2051	3185
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Summary Data for Water Year 1984-5

MEAN FLOW				INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
24.3	September 5	0845	714	6.00	December 14	0600	0.0	0.51				17582

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located 400 feet downstream of Highway 33, 1.0 mile south of the intersection of Crows Landing Road and Highway 33.

Summer flows are irrigation drainage.

The datum for this station from 1959 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1972:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		2650	12.08	Friday February 1, 1963	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07200 SAN JOAQUIN RIVER AT PATTERSON BRIDGE

LOCATION: LAT 37-29-54, LONG 121-04-54, T05S, R08E, SEC. 15, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 9758.0 SQ MILES

HYDROLOGIC AREA: B-06.A0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	996 *	837 *	1670	1740	962	829	1750 *	1110 *	1020	1040 *	1060 *	944	1
	1030	807	1630	1750	931	791	1670	1090	1100	1030	1050	960	2
	1020	772	1610 *	1760 *	898	797	1510	1100	1150 *	966	988	950	3
	995	749	1590	1770	869 *	813 *	1250	1140	1180	934	1000	905 *	4
	1010	745	1610	1730	850	815	1190	1130	1240	969	995	869	5
	970	740	1620	1460	822	866	1150	1100	1240	933	906	929	6
	977	735	1620	1200	803	927	1190	1010	1160	922	848	911	7
	1060	767	1620	1140	814	938	1270	1020	1060	991	845	973	8
	1040	747	1620	1110	837	964	1180	1010	1110	948	855	1090	9
	1010	762	1630	1100	1050	1110	1130	988	1090	899	912	1100	10
	1060	743	1650	1080	1280	1270	1110	1050	999	858	932	1090	11
	1110	728	1660	1070	1380	1380	1180	1120	893	843	957	973	12
	1400	731	1640	1080	1300 *	1510	1210	1200	866	841	881	953	13
	1560	728 *	1610	1100 *	1140	1520	1250	1240 *	834	862	861	943	14
	1440 *	733	1600	1130	1000	1440	1260	1190	820	868	833 *	956	15
	1460	752	1580	1130	935	1340	1150 *	1140	871	854 *	829	1080 *	16
	1530	765	1580 *	1100	906	1310	1240	1130	863 *	823	864	1020	17
	1560	762	1610	1050	895	1320	1360	1100	834	820	959	993	18
	1570	761	1530	1000	879	1390 *	1370	1100	861	834	981	954	19
	1540	781	1430	988	868	1470	1330	1160	860	824	942	973	20
	1480	801	1400	993	846	1390	1380	1100	919	867	974	959	21
	1380	979	1320	956	855	1290	1350	1110	896	914	996	942	22
	1260	1240	1340	927	861	1240	1250	1060	874	873	985	989	23
	1260	1370	1490	922	848	1260	1210	1030	956	858	999	1010	24
	1270	1450	1550	928	858	1310	1260	977	928	835	1050	1080	25
	1210	1500	1570	928	843	1200	1270	1010	886	840	1030	1080	26
	1180	1520	1590	928	826	1340	1180	1090	873	845	1000	1060	27
	1140	1540	1600	933	846	1500	1150	1130	900	896	1000	1130	28
	1070	1570	1610	941		1630	1190	1110	886	1020	932	1060	29
	1000	1630	1660	958		1750	1110	1050	926	980	937	1040	30
	912		1720	971		1830		999		1000	917		31
DAILY	1210	958	1579	1157	936	1243	1270	1090	970	903	946	997	
MAX	1570	1630	1720	1770	1380	1830	1750	1240	1240	1040	1060	1130	
MIN	912	728	1320	922	803	791	1110	977	820	820	829	869	

CRE	SET	74380	57010	97110	71150	51970	76440	75570	67030	57710	55510	58150	59340
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Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
1107	March 31	1115	1850	35.34	November 12	1245	724	33.12	801370

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station located on the downstream side of County Road J17 Bridge, 3.1 miles northeast of Patterson.

Only gage height data is available for the period 1938-66. Discharge data is available since Oct 1969.

The datum for this station from 1939 to 1959 is .0, USED.

The datum for this station from 1959 to present is .0, USCGD.

The datum for this station from 1959 to present is 3.5, USED.

FOR PERIOD OF RECORD BEGINNING 1938:

AVERAGE/YEAR	ACRE	FLOW	GAGE	DATE	TIME
INSTANTANEOUS MAXIMUM	FEET	CFS	HEIGHT		
		28700	51.26	Friday March 4, 1983	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B04150 TUOLUMNE RIVER AT HICKMAN BRIDGE

LOCATION: LAT 37-38-06, LONG 120-45-12, T03S, R11E, SEC. 33, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 1642.0 SQ MILES

HYDROLOGIC AREA: B-08.E0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	122	589 *	597	1670	1630	749	354 *	202 *	75	69 *	76 *	68	1
2	296 *	541	574	1160	1230	525	211	135	77	188	72	69	2
3	429	533	1350 *	1860 *	846	484	196	94	78	180	71	67 *	3
4	477	523	3030	1980	754	533 *	187	89	72 *	181	79	69	4
5	482	521	2980	1620	1710 *	597	185	91	68	83	75	89	5
6	474	529	2700	1060	1710	628	186	85	71	150	65	104	6
7	441	532	2230	879	1710	568	189	79	70	88	73	218	7
8	342	558	1970	1730	1930	491	187	79	71	75	73	107	8
9	477	538	1470	1730	1480	473	189	78	81	156	75	92	9
10	488	528	1420	1800	923	483	188	74	101	221	142	92	10
11	506	525	2860	1850	872	517	187	70	234	87	89	97	11
12	487	518	2920	1540	1550	483	185	75	252	72	81	96	12
13	487	538 *	3060	989	1370 *	478	191	80 *	218	70	69	77	13
14	381	522	3080	1070	1400	475	192	79	148	73	73 *	73	14
15	420	533	2730	2110	1390	472	187	74	123	74 *	70	77	15
16	1480	545	1860	2070	1100	471	183 *	75	93	131	69	75 *	16
17	1550	522	1390 *	2060 *	776	470	193	95	82 *	145	72	70	17
18	691	526	2950	2020	520	478	191	79	122	79	157	71	18
19	616	516	2910	1610	737	478 *	203	82	102	68	89	76	19
20	584	519	2890	1020	1390	475	206	80	78	67	75	77	20
21	532	520	2850	963	1540	470	212	70	71	68	70	73	21
22	556	516	2380	1940	1470	467	211	68	72	67	70	76	22
23	601	512	1530	1970	1210	468	205	69	76	73	68	77	23
24	606	543	1170	2040	855	483	201	68	74	135	67	76	24
25	603	531	1680	1910	756	463	200	72	68	218	191	76	25
26	935	575	1260	1480	979	491	204	74	66	135	90	75	26
27	1030	638	2830	943	1130	503	206	77	64	146	131	74	27
28	976	604	2780	935	855	477	210	76	134	85	133	75	28
29	1010	597	2460	1790	--	469	207	73	77	75	81	84	29
30	1060	599	1510	1890	--	457	208	70	69	64	73	102	30
31	1020	--	1140	1800	--	452	--	73	--	128	69	--	31
DAILY MEAN	650	543	2147	1596	1208	501	202	86.0	99.6	111	86.7	85.1	
MAX	1550	638	3080	2110	1930	749	354	282	252	221	191	218	
MIN	122	512	574	879	520	452	183	68	64	64	65	67	
ACRE FEET	39980	32310	132000	98160	67090	30800	12010	5286	5925	6845	5332	5062	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
609	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
	Wed Dec 05, 1984	400	4660	74.95	Fri Jun 28, 1985	45	59	69.50	440800

REMARKS:

Station is located on the left bank 300 feet upstream of Hickman Road Bridge, on the south side of Waterford.

Flow is regulated by upstream reservoirs and diversions.

Several periods of record are missing from July 1932 to March 1939.

The datum for this station from 1932 to present is -1.1, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1932:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	59000	96.20	Fri Dec 08, 1950	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B04130 DRY CREEK NEAR MODESTO

LOCATION: LAT 37-39-24, LONG 120-55-24, T03S, R09E, SEC. 24, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 192.2 SQ MILES

HYDROLOGIC AREA: B-08.C0

PER YEAR OCTOBER 1984 thru SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
126 E	433 *	116	24	.0	11	52	94	97	69 *	77	65	1	
125 *	456	36	24	.0	31	53 *	75 *	97	59	89 *	66	2	
126	455	29	25	.0	25	55	84	108	56	86	83	3	
126	456	61 *	24 *	15	24	38	85	109 *	56	90	73	4	
171	454	36	23	25 *	25 *	36	92	112	63	82	83	5	
286	450	34	22	17	43	34	98	125	80	81	90	6	
303	447	57	21	9.1	72	33	95	110	63	91	84	7	
300	452	36	21	90	59	36	82	95	62	90	82	8	
239	442	21	33	1730	91	26	94	93	65	80	101	9	
237	442	17	49	294	83	21	83	95	65	86	108	10	
179	440	85	44	137	91	32	91	86	75	78	100	11	
188	439	99	41	96	123	44	88	82	74	69	101	12	
157	442	53	35	75	101	47	97 *	69	76	86	121	13	
159	453 *	32	32	62 *	75	44	98	63	80	94	109	14	
172 *	443	23	30	54	69	46	92	59	83	89	97	15	
132	451	259	27 *	47	66	70	95	69	91	76 *	111	16	
133	450	264	25	40	53	92 *	92	74 *	91 *	70	84	17	
126	444	110 *	22	36	44 *	96	93	74	91	86	75	18	
215	436	71	20	32	37	65	102	69	82	91	90	19	
81	431	50	16	28	38	74	87	63	81	92	82	20	
46	429	38	13	26	43	90	86	62	88	93	78	21	
83	424	30	13	24	31	89	80	55	96	82	90	22	
262	419	24	9.5	21	26	83	76	60	94	90	82	23	
73	432	24	8.1	20	24	90	78	58	97	85	68	24	
41	491	24	6.6	18	24	98	84	65	80	76	72	25	
39	490	22	3.4	15	28	100	92	67	74	77	85	26	
39	446	26	.0	13	63	92	96	68	80	68	84	27	
36	438	30	.0	12	62	86	94	61	87	67	87	28	
96	470	28	.0	--	233	97	97	67	70	74	80	29	
87	466	27	.0	--	108	92	103	63	72	67	80	30	
138	--	26	.0	--	71	--	105	--	69	66	--	31	
DAILY MEAN MAX IN CREEK FEET	146 303 36 8967	447 491 419 26620	57.7 264 17 3546	19.7 49 .0 1213	105 1730 .0 5824	60.5 233 11 3717	63.7 100 21 3790	90.6 105 75 5570	79.2 125 55 4711	76.4 97 56 4699	81.5 94 66 5014	87.0 121 65 5179	

STATION FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL ACRE FEET
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
109	Sat Feb 09, 1985	800	2460	77.71	Sun Dec 16, 1984	1215	.0	.00	78850

REMARKS:

Station is located on left bank 0.1 mile downstream of Claus Road, 4 miles east of Modesto.

Data for period 1930-1941 is available for a station 2.5 miles downstream.

Station is operated in cooperation with Modesto Irrigation District. Station was moved approximately 100 feet downstream in October 1984.

The datum for this station from 1941 to present is .0, USCGS.

* - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1928:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	7710	88.04	Fri Dec 23, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07040 SAN JOAQUIN RIVER AT HAZE ROAD BRIDGE

LOCATION: LAT 37-38-24, LONG 121-13-36, T03S, R07E, SEC. 29, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 12400.0 SQ MILES

HYDROLOGIC AREA: B-06.A0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1930 *	2450 *	3030	3620	3080	2020	2860 *	1320 *	1270	1240 *	1290 *	1130	1
2	1840	2330	2740	3980	2990	1850	2570	1370	1440	1540	1360	1090	2
3	1950	2190	2650 *	3590 *	2700	1690	2240	1300	1640 *	1490	1330	1050	3
4	2050	2110	2960	4090	2250 *	1620	1960	1250	1560	1470	1380	1060 *	4
5	2180	1780	4100	4030	2060	1680	1750	1320	1530	1470	1330	1030	5
6	2330	1770	4310	3710	2630	1900	1580	1370	1520	1480	1180	1030	6
7	2460	1770	4190	2530	2690	2040	1660	1250	1490	1440	1070	1080	7
8	2510	1830	3880	2230	2740	2030	1750	1210	1400	1500	928	1260	8
9	2450	1840	3670	2620	3320	1910	1460	1220	1370	1450	949	1480	9
10	2420	2110	3370	3120	3810	2030	1550	1230	1280	1310	1010	1500	10
11	2540	2090	3160	3060	2880	2510	1550	1250	1390	1360	1280	1560	11
12	2640	2050	4110	3070	2690	2030	1550	1360	1330	1360	1350	1480	12
13	2780	2070	4250	2890	3080 *	2420	1670	1420 *	1270	1290	1250	1440	13
14	3040	2070	4290	2460 *	2930	2460	1710	1400	1240	1330	1190	1440	14
15	2980	2070	4300	2440	2760	2400	1770	1340	1200	1400	1120 *	1430	15
16	2980	2110	4170	3150	2640	2260	1640 *	1320	1140	1210 *	1090	1480 *	16
17	3760	2160	3950 *	3190	2400	2250	1650	1290	1150 *	1110	1210	1560	17
18	4110	2120	3560	3200	2090	2330	1850	1270	1150	1160	1420	1480	18
19	3900	2100	4480	3190	1820	2380	1960	1250	1130	1140	1520	1450	19
20	3710	2080	4540	2990	1640	2390	1970	1310	1150	1110	1440	1390	20
21	3240	2100	4490	2560	2340	2350	1970	1260	1170	1150	1350	1390	21
22	2910	2170	4450	2410	2510	2190	2060	1210	1190	1230	1330	1400	22
23	2790	2430	4180	3050	2510	2150	1920	1190	1180	1190	1290	1420	23
24	2820	2640	3660	3110	2370	2160	1710	1160	1200	1130	1330	1420	24
25	2640	2790	3360	3140	2060	2230	1710	1120	1200	1080	1430	1430	25
26	2560	2880	3760	3080	1830	2060	1820	1090	1160	1070	1450	1490	26
27	2610	2910	3460	2820	2020	2310	1790	1110	1100	1160	1380	1480	27
28	2650	2980	4470	2420	2040	2560	1610	1220	1060	1250	1320	1530	28
29	2540	2960	4640	2310	--	2740	1670	1240	1080	1320	1220	1610	29
30	2540	3040	4520	2900	--	2880	1530	1200	1120	1310	1160	1600	30
31	2480	--	3980	3050	--	2900	--	1170	--	1300	1150	--	31
DAILY MEAN	2721	2267	3893	3033	2533	2217	1816	1259	1270	1292	1262	1373	
MAX	4110	3040	4640	4090	3810	2900	2860	1420	1640	1540	1520	1610	
MIN	1840	1770	2650	2230	1640	1620	1460	1090	1060	1070	924	1030	
ACRE FEET	167300	134900	239400	186500	140700	136300	108100	77390	75590	79440	77570	81700	

MEAN FLOW	DATE	TIME	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DISCHARGE	GAGE HEIGHT	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5	DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
2078	Wed Dec 19, 1984	2345		4810	18.84	Thu Aug 08, 1985	1145		908	13.84	1504890

REMARKS:

Station is located on downstream side of State Highway 132 bridge, 13 miles west of Modesto.

Gage height-discharge relationship is affected by backwater from the Stanislaus River during high flows in the Stanislaus River.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1943:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	45550	36.87	Fri Feb 28, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B03175 STANISLAUS RIVER AT ORANGE BLOSSOM BRG

LOCATION: LAT 37-47-18, LONG 120-45-42, T02S, R11E, SEC. 04, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA: 1020.1 SQ MILES

HYDROLOGIC AREA: B-08.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
410		261	258	1300	1030	549	246	783	610	1470	1280	397	1
390	*	265	252	1300	789	551	248	783	623	1480	1250	387	2
385		267	267	1200	514	549	256	785	607	1480	1260	373	3
382		266	263	1080	502	546	286	785	600	1480	1270	360	4
384		262	260	1080	498	549	440	782	541	1470	1250	341	5
387		265	268	1080	535	551	742	785	356	1460	487	325	6
384		270	246	1090	515	568	767	784	222	1460	1230	316	7
389		285	238	1100	998	559	764	778	220	1410	1310	314	8
398		272	236	825	668	542	773	775	221	1400	1300	367	9
403		269	269	752	568	546	760	765	237	1430	1330	326	10
421		270	259	848	551	555	766	629	286	1430	1320	325	11
416		273	246	848	551	544	773	489	352	1430	1340	325	12
418		303	237	850	557	533	763	442	492	1440	1340	335	13
428		292	237	852	559	529	759	415	501	1460	1350	352	14
1290		302	658	855	559	525	765	334	682	1430	1360	351	15
1640	*	321	1340	851	560	460	772	308	700	1400	1360	346	16
1630		330	1230	844	563	406	771	270	711	1400	1360	282	17
1610		343	1230	882	556	390	768	277	703	1400	1370	282	18
1390		338	1230	1100	551	307	780	282	464	1410	1350	279	19
436		345	1240	1100	555	232	767	278	461	1400	1320	282	20
257		361	1250	1090	559	231	759	271	403	1380	1340	285	21
248		378	1250	1090	555	233	763	265	404	1360	1350	280	22
254		385	1250	1090	555	232	766	270	407	1330	1340	278	23
270		401	1260	1080	555	233	778	281	399	1360	1340	278	24
266		292	1260	1070	555	232	776	276	403	1380	1340	280	25
262		248	1270	1070	556	238	773	270	403	1370	1340	280	26
260		263	1270	1060	555	271	766	266	405	1360	1120	282	27
261		318	1280	1060	547	282	785	268	401	1350	872	283	28
263		265	1290	1060		262	781	274	750	1340	849	287	29
270		256	1290	1040		248	773	355	1420	1330	795	280	30
281			1290	1170		248		601		1320	436		31
DAILY													
JAN	532	299	788	1023	593	410	690	481	499	1407	1212	316	
FEB	1640	401	1340	1300	1030	568	785	785	1420	1480	1370	397	
MAR	248	248	236	752	498	231	246	265	220	1320	436	278	
PRE													
NET	32690	17780	48440	62910	32960	25190	41030	29610	29720	86520	74500	18800	

Summary Data for Water Year 1984-5

INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL	
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET	
691	October 16	1630	1690	5.66	November 26	1815	168	2.32	500150

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the upstream side of Orange Blossom Bridge, 5.0 miles east of Oakdale.

Flow is regulated by upstream reservoirs and diversions.

Station is operated in cooperation with the Division of Flood Management and is equipped with telemeter equipment.

The datum for this station from 1928 to present is 117.2, USCGS.

FOR PERIOD OF RECORD BEGINNING 1928:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	62000	31.80	Friday	December 23, 1955

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B03115 STANISLAUS RIVER AT KOETITZ RANCH

LOCATION: LAT 37-42-00, LONG 121-10-12, T03S, R07E, SEC. 02, MD B&M

STANISLAUS COUNTY

DRAINAGE AREA:

HYDROLOGIC AREA: B-08.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	998 *	398 *	396	1240	1140	686	494 *	936 *	713	1160 *	1430 *	704	1
2	823	390	382	1250	1090	683	455	946	808	1320	1410	631	2
3	812	388	391 *	1250 *	932	677	420	993	859 *	1360	1370	579	3
4	794	384	418	1200	727	718 *	437	953	826	1400	1360	542 *	4
5	802	380	397	1100	674	696	467	1040	805	1440	1350	544	5
6	876	376	377	1080	657	707	586	1080	750	1400	1290	558	6
7	907	376	372	1080	666	734	830	992	618	1430	924	532	7
8	857	393	364	1090	675	729	901	964	488	1440	1200	579	8
9	791	395	358	1080	953	733	842	1010	485	1450	1310	552	9
10	724	389	363	935	860	745	861	1020	488	1380	1330	550	10
11	784	385	387	834	723	839	849	1000	430	1420	1360	565	11
12	865	383	403	872	682	744	883	940	420	1440	1380	529	12
13	850	393	375	870	665	707	902	874	475	1450	1380	539	13
14	851	446 *	362	863 *	664	714	916	742 *	585	1510	1340	554	14
15	857 *	430	363	855	662	702	957	680	583	1510	1330 *	546	15
16	1220	404	544 *	853	657	686	925 *	613	704	1400	1360	541 *	16
17	1590	397	1030	848	650	667	957	581	808 *	1400 *	1410	520	17
18	1710	391	1070	847	644	649	992	557	790	1410	1460	488	18
19	1790	398	1100	873	637	628 *	1000	576	805	1390	1440	456	19
20	1700	378	1120	1010	632	575	1020	615	685	1420	1440	466	20
21	1160	370	1140	1050	685	527	1040	548 E	698	1450	1370	497	21
22	901	371	1160	1050	756	461	1050	532 E	633	1440	1340	515	22
23	781	375	1170	1060	710	465	1000	508	650	1390	1340	487	23
24	602	387	1180	1060	704	496	961	523	623	1370	1320	471	24
25	526	457	1190	1060	695	481	976	458	539	1350	1310	460	25
26	486	462	1190	1060	680	431	1080	535	511	1380	1340	448	26
27	445	404	1200	1060	666	492	979	558	524	1410	1320	453	27
28	421	397	1210	1060	662	493	989	493	600	1440	1190	445	28
29	411	442	1220	1070		540	1060	486	616	1450	989	484	29
30	401	429	1230	1070		547	989	487	706	1420	939	500	30
31	392		1230	1070		515		557		1430	889		31
DAILY MEAN	875	399	764	1023	734	628	861	735	641	1408	1297	525	
MAX	1790	462	1230	1250	1140	839	1080	1080	859	1510	1460	704	
MIN	392	370	358	834	632	431	420	458	420	1160	889	445	

ACRE FEET	53810	23740	46990	62880	40760	38610	51210	45220	38130	86600	79780	31210
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Summary Data for Water Year 1984-5

MEAN FLOW				INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
827	October 20	0030	1810	34.44	December 15	0700	355	28.12				59894

WATER YEAR 1985: E - Estimated, NR - No record, * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the left bank, 9.35 miles upstream from the San Joaquin River, 3.7 miles south west of Ripon.

Water bypasses station at a gage height of approximately 45 feet by overflowing the right bank. Discharge is consequently not computed for maximum flows above 45 feet.

Backwater from the San Joaquin River may at times affect the stage-discharge relationship.

The datum for this station from 1950 to 1962 is .6, USCGS.

The datum for this station from 1963 to 1969 is .4, USCGS.

The datum for this station from 1970 to present is .0,.

FOR PERIOD OF RECORD BEGINNING 1950:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	6370	44.93	Wednesday June 4, 1975	1015

APPENDIX C

SURFACE WATER QUALITY

SAMPLING STATION INDEX

San Joaquin Valley

Station	Station Number	Map Page	Location*	Areal Code	Beginning of Record	Analyses on Page
BEAR C BL BEAR RES NR PLANADA	B0 5570.00	82	07S/16E-05M	B1200	MAY 1976	90, 105
BIG C AB PINE FLAT RES NR TRIMMER	C1 1320.00	85	12S/25E-04M	C03B1	JUL 1960	93, 108
BURNS C BL BURNS DM NR PLANADA	B5 6100.00	82	06S/15E-36M	B08J0	JAN 1978	91, 106
CANAL C A OAKDALE RD	B0 5166.50	82	06S/13E-10M	B08J0	FEB 1974	90, 105
CHOWCHILLA R BL BUCHANAN DM NR RY	B6 4159.00	82	08S/18E-22M	B13A1	MAY 1976	91, 103, 107
DELTA MENDOTA CA TO MENDOTA POOL	B0 0770.00	84	13S/15E-19M	B06B0	JULY 1952	89, 105
DINKEY C AB DINKEY C RES	C1 2207.10	85	10S/26E-08M	C03B3	SEPT 1982	94, 108
DINKEY C BL DINKEY C RES	C1 2199.10	85	11S/26E-10M	C03B3	SEPT 1982	93, 108
DRY CREEK AT THOMPSON AVE FORD	C1 5151.60	85	12S/22E-19M	C01D0	APR 1984	94, 100, 103, 108, 1
DRY C NR MODESTO	B0 4130.00	82	03S/09E-24M	B08C0	JULY 1976	89, 98, 105, 108
FRESNO R BL HIDDEN DM NR DAULTON	B6 7150.00	82	09S/19E-34M	B13B0	JAN 1958	91, 103, 107
FRESNO R BL OAKHURST	B6 7283.90	83	07S/20E-02M	B13C0	SEPT 1982	91, 107
FRESNO R LEWIS F NR OAKHURST	B6 7325.00	83	07S/21E-02M	B13C0	FEB 1976	91, 107
KAWEAH R BL TERMINUS DM	C0 2185.00	85	17S/27E-26M	C01K0	JAN 1961	93, 103
KERN R AB FAIRVIEW	C5 1660.10	87	23S/32E-12M	C06B2	OCT 1974	94, 109
KERN R BL ISABELLA DAM	C5 1350.00	87	26S/33E-30M	C06A0	SEPT 1955	94, 109
KERN R NR BAKERSFIELD	C0 5150.00	87	29S/28E-02M	C01U0	APR 1951	93, 108
KINGS R BL NF NR TRIMMER	C1 1460.00	85	12S/26E-21M	C03B1	SEPT 1955	93, 108
KINGS R BL PEOPLES WR NR KINGSBURG	C0 1140.00	85	17S/22E-01M	C01F0	FEB 1952	93, 108
LOS BANOS CR AT CONF NO AND SO FK	B8 8427.10	84	11S/08E-20M	B07D1	NOV 1984	92, 100, 107
LOS BANOS CRK AT END OF RESERVOIR	B8 8429.60	84	11S/09E-16M	B07D1	NOV 1984	92, 100, 107
LOS BANOS RESERVOIR	B8R 659.3 156.0	84	11S/09E-12M	B07D2	JULY 1984	92, 100, 107
MARIPOSA C BL MARIPOSA DM	B6 2100.00	82	07S/16E-36M	B12J0	JAN 1976	91, 107
MERCED R A MILLIKEN BR	B0 5131.00	82	06S/10E-34M	B08G0	NOV 1965	89, 98, 103, 105
MERCED R BL MERCED FALLS DAM	B0 5184.00	82	05S/15E-04M	B08J0	MAR 1976	90, 105
MUD SLU NR STEVINSON	B0 0400.00	82	07S/09E-26M	B08G0	AUG 1985	89, 97, 105
ORESTIMBA C BL HWY 33	B0 8735.00	82	06S/08E-26M	B06A0	FEB 1973	91, 99, 100, 106
OWENS C BL OWENS DM NR PLANADA	B0 6170.00	82	07S/16E-23M	B08G0	SEPT 1982	90, 106
POSO C A PORTERVILLE HW NR DOW	C0 4460.00	87	27S/27E-29M	C01U0	MAR 1978	93, 108
POSO C BL GLENNVILLE	C4 4950.10	87	25S/30E-35M	C05E0	DEC 1974	94, 109
POSO C NR OILDALE	CR 4210.00	87	28S/29E-06M	C05E0	APR 1976	94, 108
SALT SLU NR STEVINSON	B0 0470.00	82	08S/10E-10M	B06B0	DEC 1961	89, 97, 105
SALT SPR NEAR LOS BANOS RESERVOIR	B8 8427.50	84	11S/09E-10M	B07D2	JULY 1984	92, 100, 107
SAN JOAQUIN R A FREMONT FORD BR	B0 7375.00	82	07S/09E-24M	B06B0	MAY 1932	90, 99, 106
SAN JOAQUIN R A MAZE RD BR	B0 7040.00	82	03S/07E-29M	B06A0	APR 1934	90, 98, 106
SAN JOAQUIN R BL FRIANT	B0 7885.00	84	11S/21E-07M	B08M0	APR 1951	90, 106
SAN JOAQUIN R BL KERCK NR PRATHER	B7 1180.00	83	10S/22E-10M	B14A1	OCT 1974	92, 107
SAN JOAQUIN R NR GRAY A LAIR SLU	B0 7080.00	82	04S/07E-25M	B06A0	MAY 1932	90, 98, 106
SAN JOAQUIN R NR MENDOTA	B0 7710.00	84	13S/15E-07M	B06B0	APR 1951	90, 106
SAN JOAQUIN R NR STEVINSON	B0 7400.00	82	07S/10E-26M	B06B0	NOV 1975	90, 99, 106
SAN JOAQUIN R PATTERSON BR NR PATTERSON	B0 7200.00	82	05S/08E-15M	B06A0	OCT 1936	90, 99, 106
SAN JOAQUIN R SF A MONO HOT SPR	B7 4250.50	83	07S/27E-10M	B14D0	OCT 1974	92, 107
STANISLAUS R A KOETITZ RANCH	B0 3115.00	82	03S/07E-02M	B08C0	OCT 1963	89, 97, 103, 105
STANISLAUS R BL GOODWIN DM	B3 1130.00	82	01S/12E-15M	B09A0	DEC 1976	91, 106
STANISLAUS R MF A DARDANELLE	B3 3480.10	83	06N/20E-30M	B09E1	SEPT 1974	91, 106
STANISLAUS R NF A CALV BIG TREES	B3 2110.10	82	05N/15E-24M	B09D0	SEPT 1974	91, 106
TULE R BL SUCCESS DM	C0 3196.00	85	21S/28E-35M	C01L0	OCT 1962	93, 108
TUOLUMNE R A LA GRANGE BRIDGE	B0 4175.00	82	03S/14E-20M	B08F0	OCT 1952	89, 105
TUOLUMNE R A TUOLUMNE CITY	B0 4105.00	82	04S/08E-07M	B08E0	APR 1934	89, 97, 103, 105
TUOLUMNE R A TUOLUMNE MDW	B4 1850.10	83	01S/24E-05M	B10E0	SEPT 1974	91, 106

*M = Mount Diablo Base and Meridian. See Appendix D.

APPENDIX C

SURFACE WATER QUALITY

Appendix C presents the results of chemical analyses of surface water samples collected in the San Joaquin Valley from October 1, 1984 to September 30, 1985. The data are presented in five categories:

Table	Title
C-1	Mineral Analyses of Surface Water
C-2	Minor Element Analyses of Surface Water
C-3	Miscellaneous Analyses of Surface Water
C-4	Nutrient Analyses of Surface Water
C-5	Pesticide Analyses of Surface Water

To facilitate use of the surface water quality tables, a sampling station index is provided on the facing page. This index lists the stations in the tables and gives location data for each. The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Pertinent abbreviations are:

A . -	at	MDW -	meadow
AB -	above	NF -	north fork
BL -	below	R -	river
BR -	bridge	RD -	road
C -	creek	RES -	reservoir
CA -	canal	SF -	south fork
DM -	dam	SPR -	spring(s)
F -	fork	WR -	wier
MF -	middle fork		

The number of pages referenced indicates the extent of analysis for each station. Locations of the stations are shown on Figure 4, pages 82 through 87.

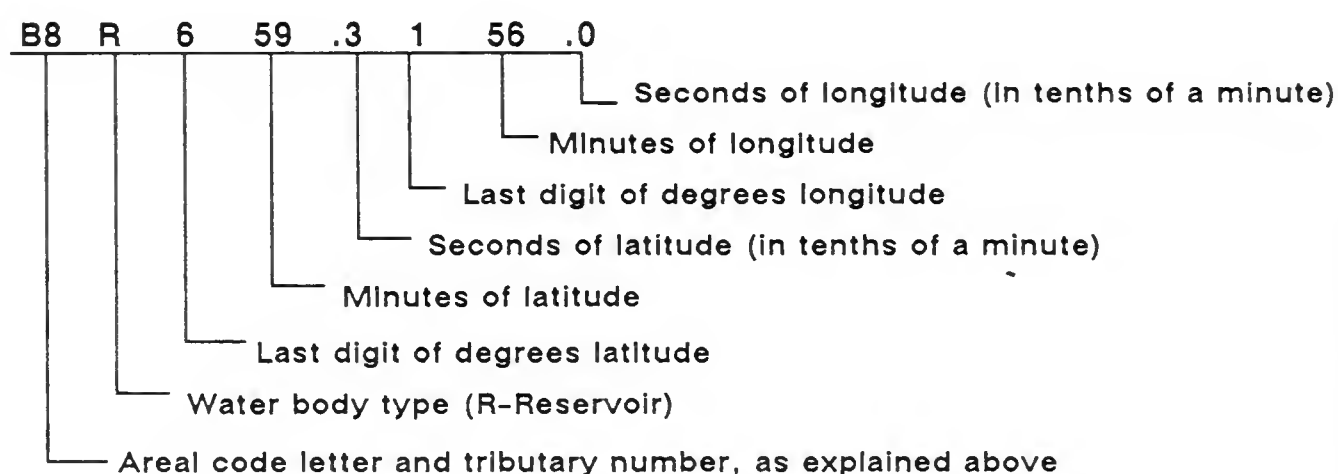
Surface water quality stations are listed in the tables by ascending station number. The station number appears on the left, the station name in the center, and the areal code on the right. The areal code is described on page 2.

As with surface water measurement stations, surface water quality stations are named for the stream and a nearby landmark or post office. An example is the station "Stanislaus River at Koetitz Ranch." If a sampling station is situated at the site of a surface water measurement station, each uses the same name.

The first character of a surface water quality station number designates the basin in which the station is located and is one of the areal code letters shown in Figure 1. The second character, a numeral, designates a specific tributary area within that major basin. These two characters, therefore, indicate the general location of the station. In this appendix, data are reported for the basins and tributaries listed on the following page:

BASIN		TRIBUTARY	
Ltr	Name	No.	Name
B	San Joaquin River	0	San Joaquin Valley Floor
		3	Stanislaus River
		4	Tuolumne River
		5	Merced River
		6	Fresno - Chowchilla River
		7	San Joaquin River
		8	San Joaquin Valley Westside
		0	Tulare Lake Valley Floor
C	Tulare Lake	1	Kings River
		4	Greenhorn Mountains
		5	Kern River

Surface water quality stations located on broad bodies of water have elements of latitude and longitude included in the station number to assist in location. There is only one such station in this volume, the station at Los Banos Reservoir:

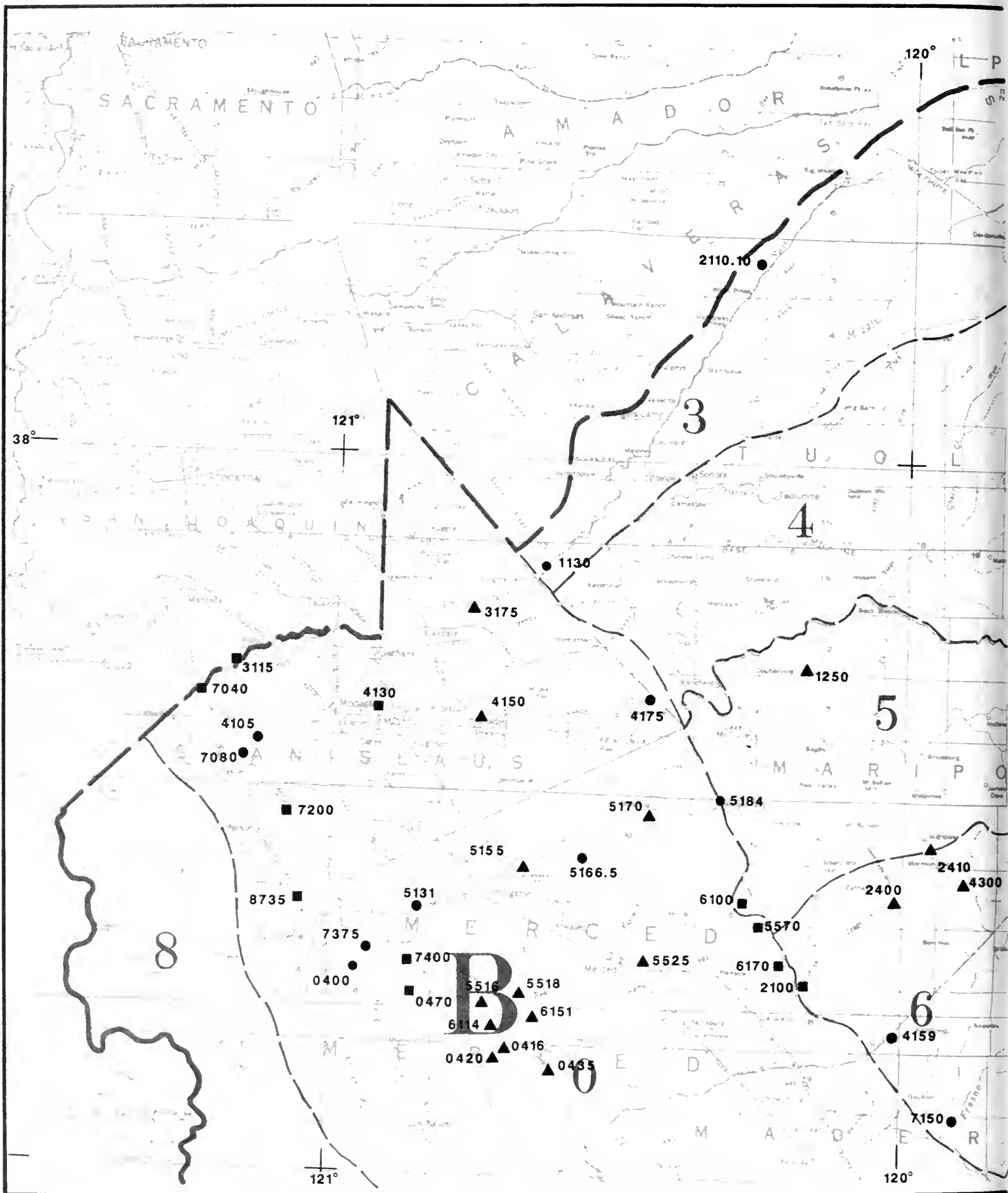


In order to increase the amount of information presented in the water quality tables, some columns have multiple headings and data are tabulated respectively. For example, the first column of Table C-1 shows the date of sample collection printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

At the time of sampling, dissolved oxygen, pH, temperature, specific conductance and gage height are determined.

Abbreviations and codes used in each table are explained at the beginning of each table.

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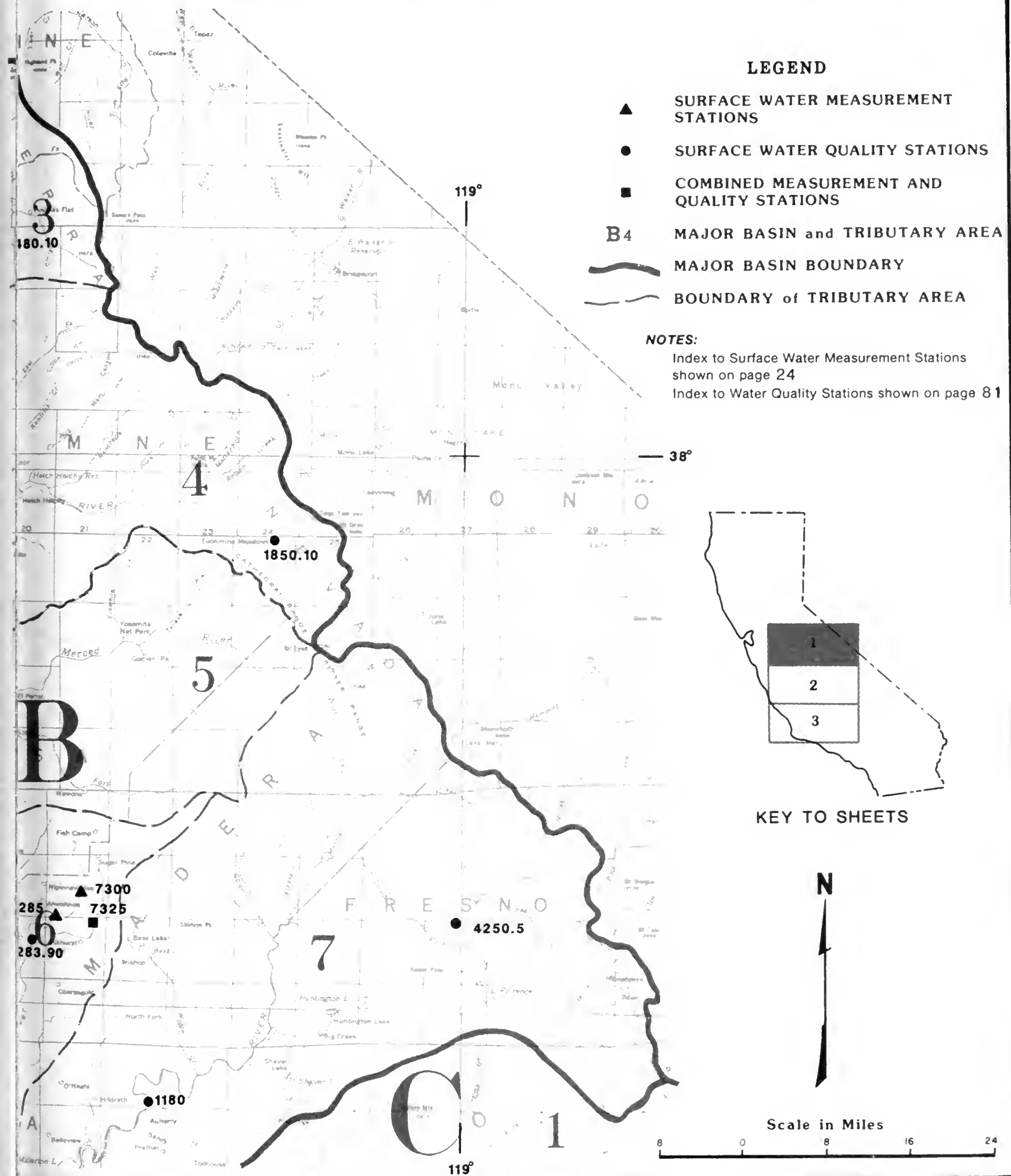
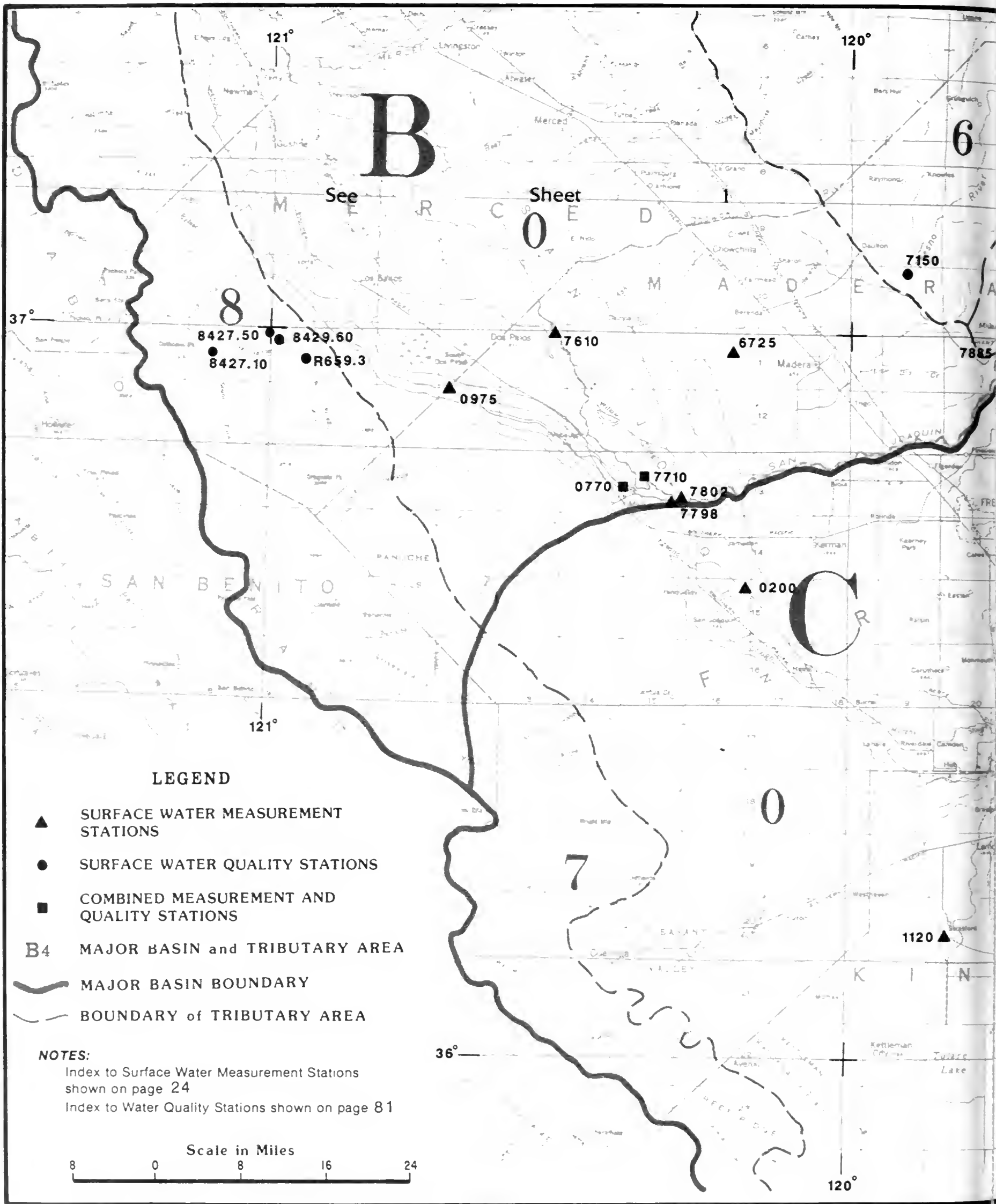


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS



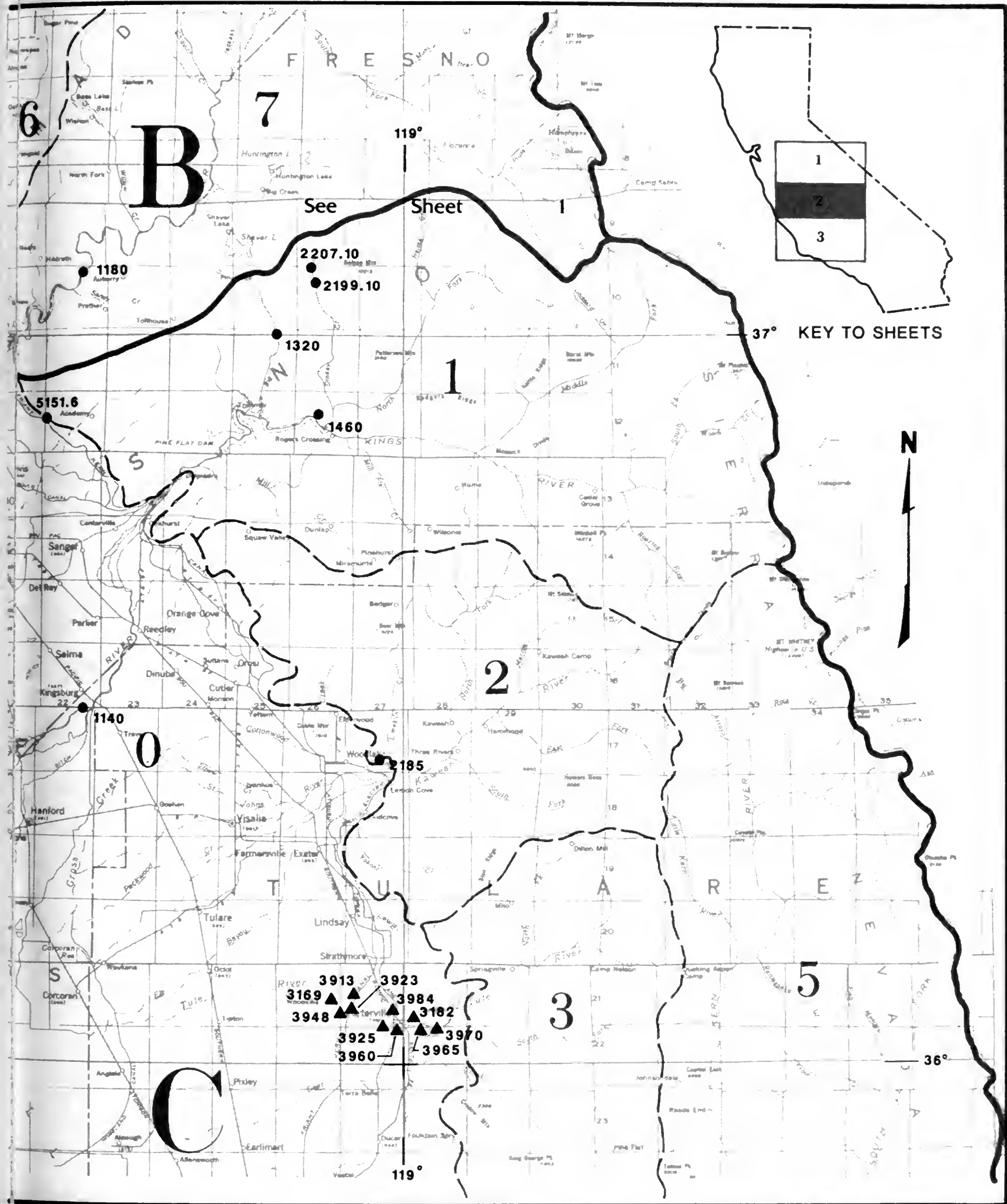
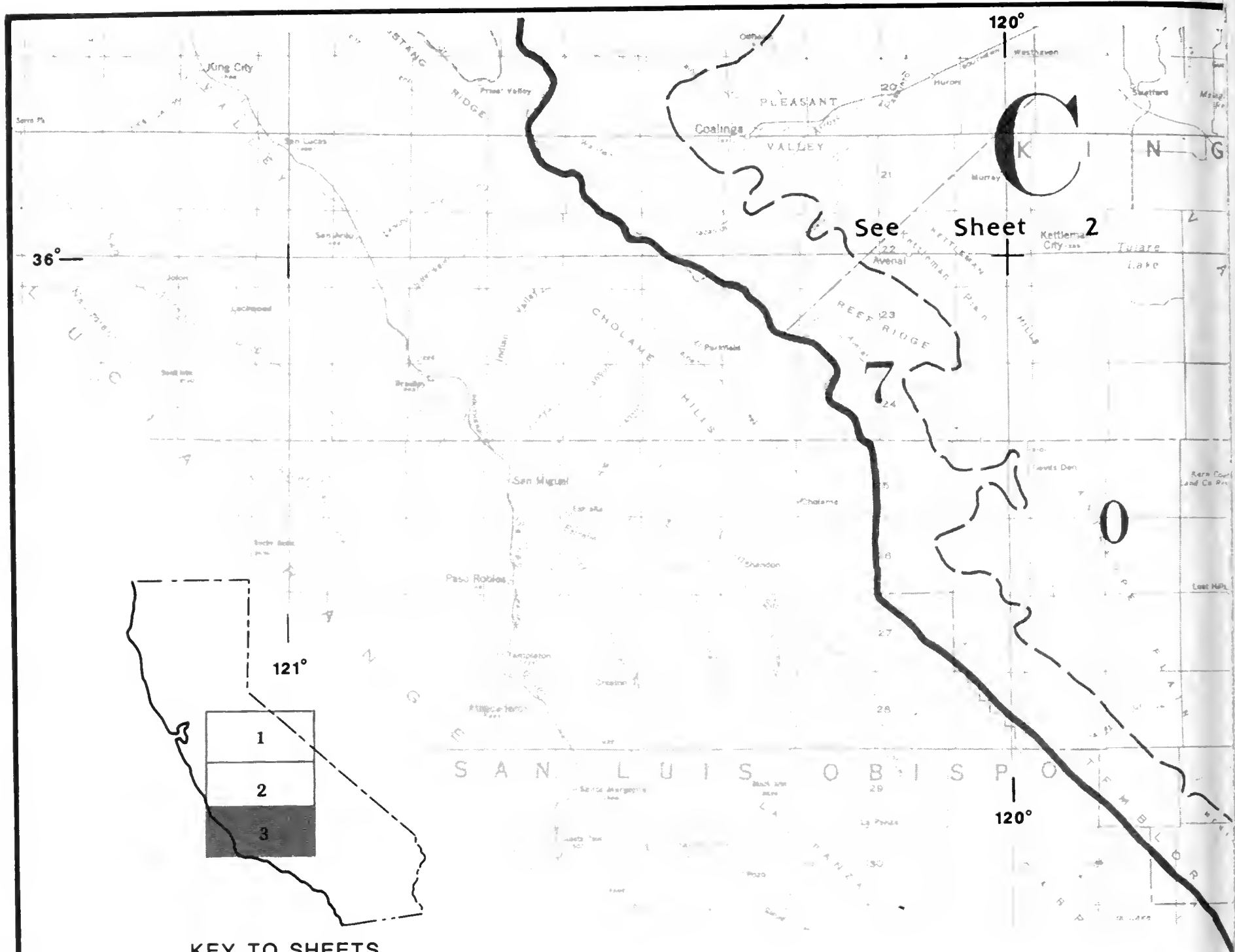


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS



KEY TO SHEETS

LEGEND

- ▲ SURFACE WATER MEASUREMENT STATIONS
- SURFACE WATER QUALITY STATIONS
- COMBINED MEASUREMENT AND QUALITY STATIONS
- B4 MAJOR BASIN and TRIBUTARY AREA
- MAJOR BASIN BOUNDARY
- - - BOUNDARY of TRIBUTARY AREA

NOTES:

Index to Surface Water Measurement Stations shown on page 24

Index to Water Quality Stations shown on page 81

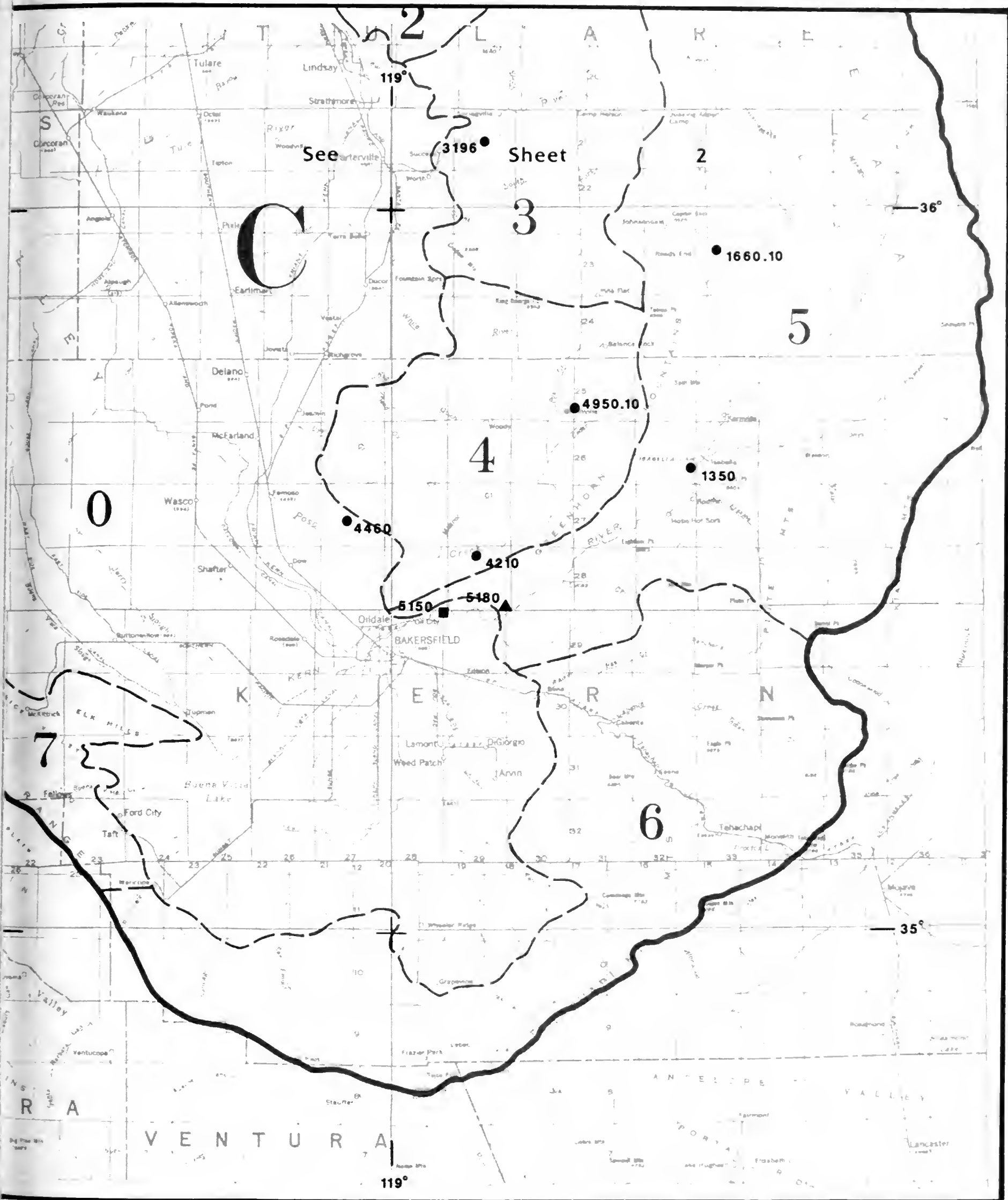


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS

TABLE C-1

MINERAL ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 – California Department of Water Resources
 5064 – California Department of Water Resources, Castaic Lab

Abbreviations and Constituents

TIME	– Pacific Standard Time on a 24-hour clock
G. H.	– Instantaneous gage height in feet above an established datum
Q	– Instantaneous discharge in cubic feet per second (E = Estimated)
DO	– Dissolved oxygen content in milligrams per liter
SAT	– Percent of normal dissolved oxygen saturation
TEMP	– Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field	– Determined in the field
Laboratory	– Determined in the laboratory
pH	– Measure of acidity or alkalinity of water
EC	– Electrical conductance in microsiemens at 25°C

Constituents:

B	– Boron	K	– Potassium
CA	– Calcium	MG	– Magnesium
CACO3	– Calcium Carbonate	NA	– Sodium
CL	– Chloride	NO3	– Nitrate
F	– Fluoride	SIO2	– Silica
		SO4	– Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units; milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TDS	– Gravimetric determination of total dissolved solids at 180°C
SUM	– Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight
TH	– Total Hardness
NCH	– Noncarbonate hardness – any excess of total hardness over total alkalinity
TURB	– Jackson turbidity units measured with Hellige Turbidimeter (E) or a Hach nephelometer (A) with (F) for field determinations
SAR	– Sodium adsorption ratio
ASAR	– Adjusted sodium adsorption ratio
REM	– Remarks; code letters are:
	E – Total dissolved solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity
	S – The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.
	X – The field EC and the lab EC are not within 20 percent of each other.

MINERAL ANALYSES OF SURFACE WATER

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MINERAL ANALYSES OF SURFACE WATER

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TABLE C-1 (CONTINUED)
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.P. O	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS SUM	TH NCH	SAP ASAR	DEP
						CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SiO2						
RD 8735.00 ORESTIMBA C RL HWY 33 8G640																					
01/08/85	5050		16.9	55.4F	8.4	916	31	36	93	--	86	--	--	--	--	949	226	2.7			
1200	5050	1E	160	13.0C	7.4	979	1.55	2.96	4.05	--	1.72	--	--	--	--	140	140	4.7			
							18	35	47												
08/28/85	5050	1.80	7.9	78.8F	7.9	784	33	19	68	--	106	--	--	--	--	367	161	2.3			
1300	5050		97	26.0C	8.3	656	1.65	1.56	2.96	--	2.12	--	--	--	--	55	55	4.0			
							27	25	48												
R3 1130.00 STANISLAUS R RL GOODWIN DM 8G940																					
10/22/84	5050		10.5	60.8F	7.2	64	6.0	2.0	2.0	--	24	--	--	--	--	50	23	0.2			
0930	5050	2000E	107	16.0C	6.9	68	.30	.16	.09	--	.48	--	--	--	--	0	0	0.1			
							55	29	16												
04/09/85	5050		10.8	55.4F	7.3	77	8.0	4.0	3.0	--	32	--	--	--	--	52	36	0.2			
1030	5050	1000E	103	13.0C	7.9	79	.40	.33	.13	--	.64	--	--	--	--	5	5	0.1			
							47	38	15												
R3 2110.10 STANISLAUS R NF A CALV RTG TREES 8G900																					
10/22/84	5050		10.3	51.8F	7.2	38	3.0	1.0	2.0	--	8	--	--	--	--	28	12	0.3	EY		
1130	5050	200E	95	11.0C	7.0	29	.15	.08	.09	--	.16	--	--	--	--	4	4	0.1			
							47	25	28												
06/11/85	5050		8.3	69.8F	7.0	32	3.0	1.0	2.0	--	10	--	--	--	--	29	12	0.3	F		
1115	5050	200E	94	21.0C	7.4	32	.15	.08	.09	--	.20	--	--	--	--	2	2	0.1			
							47	25	28												
R3 3480.10 STANISLAUS R MF A DARDANELLE 8G9E1																					
10/22/84	5050		11.0	42.8F	7.4	78	9.0	2.0	3.0	--	30	--	--	--	--	52	30	0.2			
1430	5050	100E	109	6.0C	7.3	76	.45	.16	.13	--	.60	--	--	--	--	1	1	0.1			
							61	22	18												
06/11/85	5050		10.0	48.2F	7.0	43	4.0	2.0	2.0	--	4	--	--	--	--	38	18	0.2	F		
0830	5050	250E	106	9.0C	7.4	45	.20	.16	.09	--	.08	--	--	--	--	14	14	0.1			
							44	36	20												
R4 1850.10 TIJOLIHNE R A TIJOLIHNE MDW 810E0																					
10/23/84	5050	1.75	10.6	46.4F	7.0	44	3.0	.0	3.0	--	7	--	--	--	--	31	8	0.5	E		
1230	5050		124	8.0C	7.0	40	.15	.00	.13	--	.14	--	--	--	--	1	1	0.3			
							54	0	46												
06/12/85	5050	3.38	9.1	48.2F	6.8	17	1.0	.0	4.0	--	7	--	--	--	--	23	2	1.2	E		
0915	5050		109	9.0C	7.9	17	.05	.00	.17	--	.14	--	--	--	--	0	0	1.5			
							23	0	77												
R5 6100.00 BURNS C RL BURNS DM NP PLANADA 808J0																					
11/26/84	5050	2.42	10.0	50.0F	7.0	76	4.0	2.0	4.0	--	13	--	--	--	--	67	18	0.4	EY		
1215	5050	1E	89	10.0C	6.9	61	.20	.16	.17	--	.26	--	--	--	--	5	5	0.0			
							38	30	32												
04/09/85	5050	2.14	15.0	80.6F	8.4	306	31	20	10	--	137	--	--	--	--	197	160	0.7			
1345	5050	1E	188	27.0C	8.7	325	1.55	1.64	.83	--	2.74	--	--	--	--	23	23	1.2			
							39	41	21												
R6 2100.00 MARIPOSA C RL MARIPOSA DM 812J0																					
04/09/85	5050	2.40	11.4	73.4F	8.2	281	26	16	14	--	125	--	--	--	--	172	131	0.5			
1500	5050	5E	133	23.0C	8.3	282	1.30	1.32	.61	--	2.50	--	--	--	--	6	6	0.9			
							40	41	19												
R6 4159.00 CHOWCHILLA R BL BUCHANAN DM NP RY 813A1																					
10/29/84	5050	1.08	8.3	55 F	7.2	232	--	--	--	--	--	--	--	--	--	144					
0900	5050	.1	80	13 C						--		--	--	34	--						
11/27/84	5050	1.12	6.4	49 F	7.0	214	22	6.0	15	--	84	--	--	--	--	136	80	0.7			
0930	5050	.1	56	9 C	7.6	234	1.10	.49	.65	--	1.68	--	--	54	--	0	0	1.0			
							49	22	26												
R6 7150.00 FRESNO R RL HIDDEN DM NR DAILTON 813R0																					
10/29/84	5050	2.55	9.6	63 F	7.4	170	--	--	--	--	--	--	--	--	--	94					
1015	5050	25	100	17 C						--		--	--	94	--						
11/27/84	5050	12.52	5.2	48 F	7.3	200	34	9.0	26	--	124	--	--	--	--	224	122	1.0	Y		
1030	5050	.2	54	9 C	7.8	369	1.70	.74	1.13	--	2.48	--	--	54	--	0	0	1.7			
							48	21	32												
R5 7283.90 FRESNO R RL DAKHURST 813C0																					
11/27/84	5050		11.3	43 F	7.3	155	15	2.0	22	--	41	--	--	--	--	133	46	1.4	Y		
1140	5050	25E	97	6 C	7.0	240	.75	.16	.96	--	.82	--	--	--	--	5	5	1.2			
							40	9	51												
04/10/85	5050		10.1	57.2F	7.6	164	11	2.0	12	--	38	--	--	--	--	88	36	0.9	Y		
1000	5050	70E	104	14.0C	6.2	127	.55	.16	.52	--	.76	--	--	--	--	0	0	0.6			
							45	13	42												
R6 7325.00 FRESNO R LEWIS F NP DAKHURST 813C0																					
11/27/84	5050	1.15	11.7	39 F	7.3	130	10	1.0	12	--	32	--	--	--	--	94	29	1.0	F		
1215	5050	15E	96	4 C	7.5	128	.50	.08	.52	--	.64	--	--	--	--	0	0	0.5			
							45	7	47												
04/10/85	5050	1.46	10.6	51.8F	7.3	65	6.0	1.0	5.0	--	21	--	--	--	--	52	19	0.6	E		
1030	5050		104	11.0C	8.0	62	.30	.08	.26	--	.42	--	--	--	--	0	0	0.1			
							47	13	41												

MINERAL ANALYSES OF SURFACE WATER

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TABLE C-1 (CONTINUED)
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
						CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	TDS SUM	TH NCH	SAR ASAR		
88 8429.60 LOS RANOS CRK AT END OF RESERVOIR A0701 CONTINUED																				
05/14/85	5053		5.8	68	F 7.6	920	55	39	87	2.8	304	75	85	--	1.7	.4	564	298	2.2	
0720	5050		64	20	C 7.8	922	2.74	3.21	3.78	.07	6.07	1.96	2.40	--	--	528	0	5.2		
		1					28	33	39	1										
06/17/85	5050		3.4	81	F 8.5	750	50	37	86	3.5	270	76	80	--	2.0	.3	535	277	2.2	
0745	5050		43	27	C 7.9	856	2.50	3.04	3.74	.09	5.39	1.58	2.26	--	--	496	8	5.2		
		1					27	32	40	1										
07/16/85	5050		5.5	79	F 8.0	725	43	34	70	--	231	76	64	--	1.3	.2	465	247	1.9	
0820	5050		68	26	C 7.6	758	2.15	2.80	3.05	--	4.62	1.58	1.80	--	--	427	17	4.3		
		1					27	34	38											
C0 1140.00 KINGS R BL PEOPLES WR NR KINGSBURG C01F0																				
10/30/84	5050		11.0	61.7F	8.0	224	21	7.0	15	--	90	--	--	--	--	144	82	0.7		
1240	5050	50E	113	15.9C	8.0	233	1.05	.58	.65	--	1.60	--	--	--	--	--	2	1.0		
							46	25	29											
05/21/85	5053	66.8E	8.7	69.8F	7.4	162	13	4.0	12	--	25	--	--	--	--	97	49	0.7		
0715	5050	75E	98	21.0C	8.5	153	.65	.33	.52	--	.50	--	--	--	--	--	24	0.5		
							43	22	35											
C0 2185.03 KAWEAH R BL TERMINUS DM C01K0																				
10/30/84	5050	0.57	9.2	63	F 7.3	115	13	2.0	5.0	--	39	--	--	--	--	70	40	0.3		
1105	5050	25F	96	17	C 7.7	106	.65	.16	.22	--	.78	--	--	3A	--	--	2	0.3		
							63	16	21											
11/27/84	5050	4.19	9.9	53.6F	7.4	99	--	--	--	--	--	--	--	--	--	70				
1030	5050		93	12.0C										5A	--	--				
05/22/85	5050	4.99	10.8	57.2F	7.2	57	8.0	1.0	4.0	--	23	--	--	--	--	49	24	0.4		
1145	5050	350E	106	14.0C	8.5	61	.40	.08	.17	--	.46	--	--	--	--	--	1	0.1		
							62	12	26											
09/11/85	5050	0.72	7.5	69.8F	7.1	96	--	--	--	--	--	--	--	--	--	61				
0800	5050	20E	85	21.0C										2A	--	--				
C0 3196.00 TULE R BL SUCCESS DM C01L0																				
10/30/84	5050	5.24	9.2	64	F 7.8	251	32	5.0	13	--	114	--	--	--	--	162	101	0.6		
0920	5050	107E	98	18	C 7.9	260	1.60	.41	.57	--	2.28	--	--	4A	--	--	0	0.9		
							62	16	22											
05/22/85	5050	3.36	13.9	62.6F	8.0	181	21	4.0	11	--	79	--	--	--	--	129	69	0.6		
1015	5050		146	17.0C	8.2	186	1.05	.33	.48	--	1.58	--	--	--	--	--	0	0.7		
							56	16	26											
08/21/85	5050	2.98	5.9	77.0F	7.7	200	--	--	--	--	--	--	--	--	--	125				
0850	5050	37	72	25.0C										5A	--	--				
09/11/85	5050	2.75	8.8	75.2F	8.1	214	--	--	--	--	--	--	--	--	--					
0945	5050	25F	105	24.0C										2A	--	--				
C0 4440.00 PDSO C A PORTERVILLE HW NR DOW C01U0																				
05/22/85	5050		8.1	73.4F	7.8	473	28	4.0	58	--	109	--	--	--	--	316	94	2.4		
0845	5050	2F	95	23.0C	8.2	454	1.40	.49	2.52	--	2.18	--	--	--	--	--	0	3.9		
							72	11	57											
C0 5150.00 KERN R NR BAKERSFIELD C01V0																				
10/29/84	5050		10.3	59	F 7.9	109	5.0	2.0	11	--	27	--	--	--	--	80	20	1.1		
1515	5050	300E	103	15	C 7.3	104	.25	.16	.48	--	.54	--	--	--	--	--	0	0.3		
							28	18	54											
05/22/85	5050		9.0	64.4F	7.4	103	8.0	2.0	10	--	40	--	--	--	--	79	28	0.8		
0700	5050	600E	96	18.0C	8.3	104	.40	.15	.44	--	.60	--	--	--	--	--	0	0.5		
							40	16	44											
C1 1320.03 BTG C A3 PINE FLAT RES NR TRIMMER C03R1																				
10/29/84	5050	1.31	10.7	59	F 7.8	135	11	2.0	11	--	38	--	--	--	--	97	36	0.8		
1245	5050	20	109	15	C 8.0	132	.55	.16	.48	--	.76	--	--	--	--	--	0	0.6		
							46	13	40											
05/22/85	5050	1.50	9.8	60.8F	7.4	90	8.0	2.0	8.0	--	36	--	--	--	--	74	28	0.7		
0815	5050	10	102	15.0C	8.2	93	.40	.16	.35	--	.72	--	--	--	--	--	0	0.4		
							44	18	38											
C1 1460.00 KINGS R BL NE NR TRIMMER C03R1																				
10/29/84	5050	3.38	11.1	55	F 7.3	52	5.0	.0	3.0	--	14	--	--	--	--	34	12	0.4		
1350	5050	300	108	13	C 7.9	47	.25	.00	.13	--	.28	--	--	--	--	--	0	0.1		
							64	0	34											
05/22/85	5053	7.46	10.5	53.6F	7.1	26	2.0	.0	1.0	--	.8	--	--	--	--	18	8	0.2		
0915	5050	6000	100	12.0C	8.4	17	.10	.00	.04	--	.12	--	--	--	--	--	0	0.2		
							71	0	29											
C1 2199.10 DINKEY C BL DINKEY C RES C03R3																				
10/22/84	5050		10.7	60.8F	7.2	44	4.0	.0	3.0	--	16	--	--	--	--	38	10	0.4		
1400	5050	25E	120	15.0C	7.0	42	.20	.00	.13	--	.22	--	--	--	--	--	0	0.1		
							61	0	39											
06/25/85	5053		8.4	60.8F	7.3	50	4.0	.0	3.0	--	15	--	--	--	--	35	10	0.4		
1400	5050	10F	99	15.0C	7.8	33	.20	.00	.13	--	.30	--	--	--	--	--	0	0.1		
							61	0	39											

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G.H. O	DO SAT	TEMP	FIELD		MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				SAR ASAR	REM
					LABORATORY PH	EC	CA	MG	NA	K	PERCENT REACTANCE VALUE		TURB	SI02	TDS SUM	TH NCH				
											CAC03	SO4 CL					NO3 VALUE			

C1		2207.10	DINKEY C AR				DINKEY C RES				C03R3									
10/22/84	5050		9.9	50.0F	7.2	37	3.0	.0	2.0	--	8	--	--	--	--	26	8	0.3	EX	
1245	5050	25E	107	10.0C	6.9	25	.15	.00	.09	--	.16	--	--	--	--		0	0.2		
							63	0	38											
06/25/85	5050		8.2	60.8F	7.2	49	3.0	.0	2.0	--	11	--	--	--	--	26	8	0.3	EX	
1230	5050	10E	102	16.0C	7.8	21	.15	.00	.09	--	.22	--	--	--	--		0	0.1		
							63	0	38											
C1		5151.60	OPY CREEK AT THOMPSON AVE				FORD				C0100									
02/11/85	5050		12.2	43 F	8.1	341	26	19	18	2.8	148	10	14	--	.0	--	219	143	0.7	
0845	5050	14	99	6 C	8.3	351	1.30	1.56	.78	.07	2.96	.21	.39	--	7A	--	179	0	1.2	
							35	42	21	2										
03/11/85	5050		9.8	53.6F	8.2	396	32	24	22	2.6	184	11	16	--	.0	--	253	179	0.7	
1040	5050	9.2	92	12.0C	8.4	415	1.60	1.97	.96	.07	3.68	.73	.45	--	2A	--	219	0	1.4	
							35	43	21	7										
C4		4210.00	POSO C NR				DILDALE				C05E0									
10/29/84	5050	6.33	8.8	62.6F	8.0	292	31	7.0	21	--	114	--	--	--	--	203	107	0.9		
1425	5050		93	17.0C	8.1	307	1.55	.58	.91	--	2.28	--	--	--	--		0	1.4		
							51	19	30											
05/22/85	5050	6.54	8.8	69.0F	7.8	258	25	6.0	18	--	105	--	--	--	--	177	87	0.8		
0800	5050	13E	98	20.0C	8.0	254	1.23	.49	.78	--	2.10	--	--	--	--		0	1.3		
							50	19	31											
C4		4950.10	POSO C RL				GLENNVILLE				C05E0									
10/29/84	5050		9.9	61 F	8.0	224	25	6.0	17	--	99	--	--	--	--	170	87	0.8		
1300	5050	5E	111	16 C	8.2	248	1.25	.49	.74	--	1.98	--	--	--	--		0	1.2		
							50	20	30											
05/21/85	5050		8.7	66.2F	8.2	280	28	7.0	18	--	116	--	--	--	--	189	99	0.8		
1000	5050	1E	103	19.0C	8.2	273	1.40	.58	.78	--	2.32	--	--	--	--		0	1.2		
							51	21	28											
C5		1350.00	KERN R RL				ISABELLA DAM				C0640									
10/29/84	5050	7.05	10.4	59 F	7.3	71	3.0	2.0	10	--	21	--	--	--	--	59	16	1.1		
1040	5050		112	15 C	8.1	80	.15	.16	.44	--	.42	--	--	--	--		0	0.1	E	
							20	21	59											
05/21/85	5050	7.48	9.6	62.6F	7.4	94	7.0	2.0	9.0	--	37	--	--	--	--	70	26	0.8		
1315	5050		107	17.0C	8.3	96	.35	.16	.39	--	.74	--	--	--	--		0	0.4	E	
							39	18	43											
C5		1660.10	KERN R AR				FAIRVIEW				C06R2									
10/29/84	5050		10.8	47.3F	7.6	109	10	1.0	10	--	36	--	--	--	--	78	29	0.8		
1145	5050	50E	104	8.5C	7.9	108	.50	.08	.44	--	.72	--	--	--	--		0	0.5	E	
							49	8	43											
05/21/85	5050		10.2	55.4F	7.2	39	4.0	1.0	3.0	--	15	--	--	--	--	25	14	0.3		
1200	5050	30JE	110	13.0C	8.3	44	.20	.08	.13	--	.30	--	--	--	--		0	0.0		
							49	20	32											

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TABLE C-2 MINOR ELEMENT ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 - California Department of Water Resources

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
Disch	- Instantaneous discharge in cubic feet per second (E = Estimated)
EC	- Electrical conductance in microsiemens at 25° C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All chromium
CHROM (HEX)	- Hexavalent chromium
D	- Dissolved
T	- Total

TABLE C-2
MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
RD 0400.00			MUD SLURRY STEVINSON				RCRGO				
11/06/84	5050		30 E	14.0C		--	--	--	--	--	--
1000	5050		1890	7.7	--	--	--	--	--	0.003	n
01/08/85	5050		10 E	10.0C		--	--	--	--	--	--
1130	5050		3927	8.1	--	--	--	--	--	0.007	n
02/20/85	5050		50 F	13.0C		--	--	--	--	--	--
1315	5050		3741	8.4	--	--	--	--	--	0.018	n
03/12/85	5050		20 E	15.0C		--	--	--	--	--	--
1150	5050		2829	8.6	--	--	--	--	--	0.014	n
04/09/85	5050		20 E	20.0C		--	--	--	--	--	--
1010	5050		2695	8.0	--	--	--	--	--	0.009	n
05/07/85	5050		10 E	21.0C		--	--	--	--	--	--
1240	5050		4860	8.2	--	--	--	--	--	0.012	n
06/10/85	5050		15 F	24.0C		--	--	--	--	--	--
1005	5050		3290	8.4	--	--	--	--	--	0.020	n
07/22/85	5050		10 E	27.0C		--	--	--	--	--	--
1130	5050		2016	8.0	--	--	--	--	--	0.015	n
08/28/85	5050		50 F	28.0C		--	--	--	--	--	--
1340	5050		2064	8.3	--	--	--	--	--	0.012	n
09/23/85	5050		50 F	27.0C		--	--	--	--	--	--
1100	5050		2784	8.4	--	--	--	--	--	0.012	n
RD 0470.00			SALT SLURRY STEVINSON				RCRGO				
11/07/84	5050			13.5C		--	--	--	--	--	--
1000	5050		1472	7.6	--	--	--	--	--	0.001	n
01/09/85	5050			10.0C		--	--	--	--	--	--
0915	5050		2537	7.4	--	--	--	--	--	0.014	n
02/19/85	5050			17.0C		--	--	--	--	--	--
1315	5050		2340	7.7	--	--	--	--	--	0.024	n
03/12/85	5050			14.0C		--	--	--	--	--	--
1030	5050		1638	7.5	--	--	--	--	--	0.009	n
04/10/85	5050			18.0C		--	--	--	--	--	--
0900	5050		2052	7.6	--	--	--	--	--	0.012	n
05/07/85	5050			18.0C		--	--	--	--	--	--
1130	5050		1824	7.6	--	--	--	--	--	0.020	n
06/10/85	5050			25.0C		--	--	--	--	--	--
0845	5050		1525	7.4	--	--	--	--	--	0.004	n
07/22/85	5050			25.5C		--	--	--	--	--	--
0830	5050		1460	7.6	--	--	--	--	--	0.001	n
08/27/85	5050			28.0C		--	--	--	--	--	--
1415	5050		1330	7.5	--	--	--	--	--	0.003	n
09/23/85	5050			22.0C		--	--	--	--	--	--
0915	5050		1208	7.6	--	--	--	--	--	0.011	n
RD 3115.00			STANISLAUS R A KOFFITZ RANCH				RCRGO				
01/08/85	5050			12.0C		--	--	--	--	--	--
1515	5050		99	7.4	--	--	--	--	--	0.000	n
02/20/85	5050			11.5C		--	--	--	--	--	--
0915	5050		134	7.4	--	--	--	--	--	0.000	n
03/12/85	5050			13.5C		--	--	--	--	--	--
1525	5050		126	7.3	--	--	--	--	--	0.000	n
04/09/85	5050			17.0C		--	--	--	--	--	--
1330	5050		117	7.4	--	--	--	--	--	0.000	n
05/08/85	5050			14.0C		--	--	--	--	--	--
0815	5050		113	7.4	--	--	--	--	--	0.000	n
05/10/85	5050			25.0C		--	--	--	--	--	--
1245	5050		135	7.4	--	--	--	--	--	0.000	n
07/22/85	5050			20.0C		--	--	--	--	--	--
1445	5050		90	7.4	--	--	--	--	--	0.000	n
08/28/85	5050			17.0C		--	--	--	--	--	--
0930	5050		105	7.2	--	--	--	--	--	0.000	n
09/23/85	5050			23.0C		--	--	--	--	--	--
1425	5050		172	7.4	--	--	--	--	--	0.000	n
RD 4105.00			THOULME R A THOULME CITY				RCRGO				
01/08/85	5050			12.0C		--	--	--	--	--	--
1345	5050		172	7.2	--	--	--	--	--	0.000	n
02/20/85	5050			13.0C		--	--	--	--	--	--
1100	5050		219	7.3	--	--	--	--	--	0.000	n
03/12/85	5050			15.0C		--	--	--	--	--	--
1400	5050		191	7.3	--	--	--	--	--	0.000	n
04/09/85	5050			21.0C		--	--	--	--	--	--
1200	5050		276	7.4	--	--	--	--	--	0.000	n
05/08/85	5050			18.0C		--	--	--	--	--	--
0935	5050		308	7.4	--	--	--	--	--	0.000	n
06/10/85	5050			28.0C		--	--	--	--	--	--
1150	5050		284	7.4	--	--	--	--	--	0.000	n

TABLE C-2 (CONTINUED)
MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAA	DEPTH	DISCH EC	TEMP PH	APSENTC	CONSTITUENTS RARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
RO 4105.00 TULUMNE R & TULUMNE CITY ROARO CONTINUED											
07/22/85	5050			29.00		--	--	--	--	--	--
1330	5050		363	7.8	--	--	--	--	--	0.004	n
08/28/85	5050			24.00		--	--	--	--	--	--
1015	5050		357	7.5	--	--	--	--	--	0.000	n
09/23/85	5050			24.00		--	--	--	--	--	--
1305	5050		337	7.8	--	--	--	--	--	0.000	n
RO 4130.00 DRY C NR MONESTO ROARO											
08/28/85	5050			21.00		--	--	--	--	--	--
0645	5050		245	7.2	--	--	--	--	--	0.000	n
RO 5131.00 MERCED P A MILLIKEN AR ROARO											
01/08/85	5050		1400 E	11.00		--	--	--	--	--	--
1015	5050		101	7.0	--	--	--	--	--	0.000	n
02/19/85	5050		1000 E	15.00		--	--	--	--	--	--
1400	5050		203	7.2	--	--	--	--	--	0.000	n
03/13/85	5050		350 E	13.00		--	--	--	--	--	--
0750	5050		129	7.2	--	--	--	--	--	0.000	n
04/03/85	5050		250 E	20.00		--	--	--	--	--	--
0930	5050		140	7.2	--	--	--	--	--	0.000	n
05/08/85	5050		300 E	20.00		--	--	--	--	--	--
1115	5050		143	7.2	--	--	--	--	--	0.000	n
06/10/85	5050		300 E	24.00		--	--	--	--	--	--
0920	5050		138	7.2	--	--	--	--	--	0.000	n
07/22/85	5050		200 E	25.00		--	--	--	--	--	--
1045	5050		140	7.2	--	--	--	--	--	0.000	n
08/27/85	5050		250 E	27.00		--	--	--	--	--	--
1500	5050		230	7.3	--	--	--	--	--	0.000	n
09/23/85	5050		250 E	22.00		--	--	--	--	--	--
1015	5050		150	7.2	--	--	--	--	--	0.000	n
RO 7040.00 SAN JOAQUIN R & MAZE RD AR ROARO											
11/05/84	5050			16.00		--	--	--	--	--	--
1230	5050		894	7.4	--	--	--	--	--	0.000	n
01/09/85	5050			12.00		--	--	--	--	--	--
1430	5050		780	7.3	--	--	--	--	--	0.000	n
02/20/85	5050			13.00		--	--	--	--	--	--
1015	5050		1161	7.4	--	--	--	--	--	0.003	n
03/12/85	5050			15.00		--	--	--	--	--	--
1440	5050		922	7.7	--	--	--	--	--	0.002	n
04/09/85	5050			21.00		--	--	--	--	--	--
1240	5050		1134	7.4	--	--	--	--	--	0.003	n
05/09/85	5050			18.00		--	--	--	--	--	--
0900	5050		660	7.4	--	--	--	--	--	0.002	n
06/10/85	5050		1500 E	26.00		--	--	--	--	--	--
1210	5050		958	7.8	--	--	--	--	--	0.002	n
07/22/85	5050			27.00		--	--	--	--	--	--
1400	5050		1104	8.0	--	--	--	--	--	0.002	n
08/28/85	5050			27.00		--	--	--	--	--	--
0745	5050		941	7.4	--	--	--	--	--	0.002	n
09/23/85	5050			24.00		--	--	--	--	--	--
1240	5050		714	7.4	--	--	--	--	--	0.000	n
RO 7080.00 SAN JOAQUIN R NR GRAY & LAIR SLU ROARO											
01/09/85	5050		1500 E	11.50		--	--	--	--	--	--
1330	5050		1130	7.3	--	--	--	--	--	0.001	n
02/20/85	5050		1500 E	14.00		--	--	--	--	--	--
1115	5050		1438	7.7	--	--	--	--	--	0.004	n
03/12/85	5050		1000 E	18.00		--	--	--	--	--	--
1335	5050		1200	7.8	--	--	--	--	--	0.003	n
04/09/85	5050		1000 E	21.00		--	--	--	--	--	--
1130	5050		1404	7.8	--	--	--	--	--	0.004	n
05/07/85	5050		1300 E	21.00		--	--	--	--	--	--
1245	5050		1080	7.8	--	--	--	--	--	0.002	n
06/10/85	5050		1000 E	25.00		--	--	--	--	--	--
1130	5050		1100	7.8	--	--	--	--	--	0.003	n
07/22/85	5050		1000 E	27.00		--	--	--	--	--	--
1330	5050		1272	8.0	--	--	--	--	--	0.004	n
08/28/85	5050		1000 E	24.00		--	--	--	--	--	--
1115	5050		918	7.5	--	--	--	--	--	0.002	n
09/23/85	5050		1000 E	24.50		--	--	--	--	--	--
1230	5050		900	7.4	--	--	--	--	--	0.001	n

TABLE C-2 (CONTINUED)
MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MICROGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
RO 7200.00 SAN JOAQUIN R PATTERSON RR NR PATTERSON PG6A0											
11/06/84 5050				16.0C		--	--	--	--	--	--
1130 5050		1080		7.6	--	--	--	--	--	0.001 n	--
01/08/85 5050				11.5C		--	--	--	--	--	--
1300 5050		1001		7.4	--	--	--	--	--	0.001 n	--
02/20/85 5050				13.5C		--	--	--	--	--	--
1215 5050		1658		8.0	--	--	--	--	--	0.005 n	--
03/12/85 5050				16.0C		--	--	--	--	--	--
1300 5050		1200		7.9	--	--	--	--	--	0.004 n	--
04/09/85 5050				20.0C		--	--	--	--	--	--
1100 5050		1485		7.6	--	--	--	--	--	0.005 n	--
05/08/85 5050				18.0C		--	--	--	--	--	--
1020 5050		1140		7.6	--	--	--	--	--	0.004 n	--
06/10/85 5050				25.0C		--	--	--	--	--	--
1100 5050		1100		7.6	--	--	--	--	--	0.003 n	--
07/22/85 5050				26.0C		--	--	--	--	--	--
1230 5050		1176		8.0	--	--	--	--	--	0.003 n	--
08/28/85 5050				26.0C		--	--	--	--	--	--
1200 5050		1000		7.1	--	--	--	--	--	0.002 n	--
09/23/85 5050				23.0C		--	--	--	--	--	--
1205 5050		749		7.8	--	--	--	--	--	0.000 n	--
RO 7375.00 SAN JOAQUIN R A FREMONT FORD RR PG6A0											
11/06/84 5050				14.5C		--	--	--	--	--	--
0930 5050		124		7.9	--	--	--	--	--	0.001 n	--
01/08/85 5050				10.0C		--	--	--	--	--	--
1100 5050		2224		7.8	--	--	--	--	--	0.002 n	--
02/20/85 5050				13.5C		--	--	--	--	--	--
1330 5050		2270		8.0	--	--	--	--	--	0.010 n	--
03/12/85 5050				17.0C		--	--	--	--	--	--
1120 5050		1287		7.9	--	--	--	--	--	0.005 n	--
04/09/85 5050				20.0C		--	--	--	--	--	--
1000 5050		2035		7.8	--	--	--	--	--	0.010 n	--
05/07/85 5050				19.0C		--	--	--	--	--	--
1210 5050		1568		8.2	--	--	--	--	--	0.009 n	--
06/10/85 5050				25.0C		--	--	--	--	--	--
0950 5050		1600		7.6	--	--	--	--	--	0.007 n	--
07/22/85 5050				29.0C		--	--	--	--	--	--
1120 5050		1564		8.0	--	--	--	--	--	0.002 n	--
08/28/85 5050				27.0C		--	--	--	--	--	--
1400 5050		940		6.9	--	--	--	--	--	0.002 n	--
09/23/85 5050				23.0C		--	--	--	--	--	--
1040 5050		624		7.8	--	--	--	--	--	0.000 n	--
RO 7400.00 SAN JOAQUIN R NR STEVINSON PG6A0											
11/07/84 5050				13.5C		--	--	--	--	--	--
0930 5050		570		7.6	--	--	--	--	--	0.000 n	--
01/09/85 5050				8.0C		--	--	--	--	--	--
0845 5050		735		8.0	--	--	--	--	--	0.000 n	--
02/19/85 5050				17.5C		--	--	--	--	--	--
1330 5050		635		7.9	--	--	--	--	--	0.001 n	--
03/12/85 5050				15.0C		--	--	--	--	--	--
1050 5050		301		8.0	--	--	--	--	--	0.000 n	--
04/10/85 5050				18.0C		--	--	--	--	--	--
0830 5050		741		8.4	--	--	--	--	--	0.000 n	--
05/07/85 5050				21.0C		--	--	--	--	--	--
1200 5050		864		8.5	--	--	--	--	--	0.001 n	--
06/10/85 5050				25.0C		--	--	--	--	--	--
0900 5050		362		7.4	--	--	--	--	--	0.000 n	--
07/22/85 5050				29.0C		--	--	--	--	--	--
1015 5050		1104		8.4	--	--	--	--	--	0.000 n	--
08/28/85 5050				29.0C		--	--	--	--	--	--
1415 5050		699		8.4	--	--	--	--	--	0.000 n	--
09/23/85 5050				24.0C		--	--	--	--	--	--
0945 5050		173		7.4	--	--	--	--	--	0.000 n	--
RO 6735.00 ORESTIMBA C RL HWY 33 PG6A0											
01/08/85 5050				13.0C		--	--	--	--	--	--
1200 5050		1 E 916		8.4	--	--	--	--	--	0.001 n	--
02/20/85 5050				13.0C		--	--	--	--	--	--
1245 5050		10 E 1192		8.5	--	--	--	--	--	0.001 n	--
03/12/85 5050				16.0C		--	--	--	--	--	--
1230 5050		720		8.5	--	--	--	--	--	0.001 n	--
04/09/85 5050				21.0C		--	--	--	--	--	--
1030 5050		5 E 756		8.2	--	--	--	--	--	0.001 n	--
05/07/85 5050				20.0C		--	--	--	--	--	--
1310 5050		20 F 770		8.0	--	--	--	--	--	0.002 n	--

MINOR ELEMENT ANALYSES OF SURFACE WATER

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TABLE C-3
MISCELLANEOUS ANALYSES OF SURFACE WATER

Lab and Sampler Agency Codes	
5050	- California Department of Water Resources
Abbreviations and Constituents	
TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
EC	- Electrical conductance in microsiemens at 25° C
DO	- Dissolved oxygen content in milligrams per liter
GH	- Instantaneous gage height in feet above an established datum
pH	- Measure of acidity or alkalinity of water: F = field determination, L = Lab determination
DISCH	- Instantaneous discharge in cubic feet per second (E = estimated)
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
DEPTH	- Depth, in feet, at which sample was collected
TURB	- Jackson turbidity units measured with a Hach nephelometer, (A); if in the field, (F)
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	- Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	- Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
IODIDE	- Iodide in milligrams per liter
T ODOR	- Threshold odor number at 60 degrees C
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter
CC EXT	- Carbon chloroform extract
CA EXT	- Carbon alcohol extract

TABLE C-3
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	ON G.H.	F-PH L-PH	DISCH M ³ /S	DEPTH TUPA	T+L CHLOR	D+G COLOR	SFT S ML/L MG/L	ADD SUS S	COO V SUS S	CYANIDE PHENOLS	TNC ONG	IODIDE T DOOR	AROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
RO 3115.00 STANISLAUS R A KOETITZ RANCH BORCJ																	
10/22/84	5050	14 C	9.5	7.2	--	--	--	--	--	0.9 R	--	--	--	--	--	--	--
1250	5050	105	30.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/85	5050	17.0C	9.3	7.2	--	--	--	--	--	1.4 R	--	--	--	--	--	--	--
0930	5050	105	32.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	23.0C	8.7	7.4	--	--	--	--	--	0.7 R	--	--	--	--	--	--	--
1425	5050	172	28.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RO 4105.00 TIOULUMNE R A TIOULUMNE CITY RLRFQ																	
10/22/84	5050	15 C	9.4	7.3	--	--	--	--	--	0.7 R	--	--	--	--	--	--	--
1115	5050	138	25.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/85	5050	24.0C	7.5	7.5	--	--	--	--	--	1.3 R	--	--	--	--	--	--	--
1015	5050	357	23.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	24.0C	8.2	7.8	--	--	--	--	--	2.2 R	--	--	--	--	--	--	--
1305	5050	337	23.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RO 5131.00 MERCED R A MILITKEN RR PQFQO																	
10/22/84	5050	14 C	8.9	7.0	300 E	--	--	--	--	1.2 P	--	--	--	--	--	--	--
0915	5050	111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/26/84	5050	10.0	10.1	7.0	1000 E	--	--	--	--	2.2 R	--	--	--	--	--	--	--
1430	5050	54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	22.0C	7.5	7.2	250 E	--	--	--	--	1.6 R	--	--	--	--	--	--	--
1015	5050	159	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
R6 4159.00 CHOWCHILLA R BL BUCHANAN DP NW RY F1341																	
10/29/84	5050	13 C	8.3	7.2	0.1	--	--	--	--	2.0 R	--	--	--	--	--	--	--
0900	5050	232	1.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	09 C	6.4	7.0	0.1	--	--	--	--	1.9 R	--	--	--	--	--	--	--
0930	5050	214	1.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
R6 7150.00 FRESNO R BL HIDDEN DM NP DALLTON P1380																	
10/29/84	5050	17 C	9.6	7.4	25	--	--	--	--	1.9 R	--	--	--	--	--	--	--
1015	5050	170	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	0 C	6.2	7.3	0.2	--	--	--	--	2.2 R	--	--	--	--	--	--	--
1030	5050	200	12.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CO 2185.00 KAWeah R BL TERMINUS DM C0180																	
10/30/84	5050	17 C	9.2	7.3	25 E	--	--	--	--	0.8 R	--	--	--	--	--	--	--
1105	5050	115	0.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	12.0C	9.9	7.4	--	--	--	--	--	1.1 R	--	--	--	--	--	--	--
1030	5050	99	4.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/11/85	5050	21.0C	7.5	7.1	20 F	--	--	--	--	0.5 R	--	--	--	--	--	--	--
0800	5050	96	0.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CO 3196.00 TULE R BL SUCCESS DM C0110																	
10/30/84	5050	18 C	9.2	7.8	100 E	--	--	--	--	2.1 R	--	--	--	--	--	--	--
0920	5050	251	5.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/85	5050	25.0C	5.9	7.7	37.0	--	--	--	--	1.1 R	--	--	--	--	--	--	--
0850	5050	200	2.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/11/85	5050	24.0C	8.8	8.1	25 E	--	--	--	--	0.6 R	--	--	--	--	--	--	--
0945	5050	214	2.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C1 5151.40 DRY CREEK AT THOMPSON AVE ENDD C0100																	
02/11/85	5050	6 C	12.2	8.3	14.2	--	--	0	--	--	14	--	--	--	--	--	--
0845	5050	341	--	--	--	--	--	--	--	12 F	2	--	--	--	--	--	--
03/11/85	5050	12.0C	9.6	8.2	9.2	--	--	0	--	--	12	--	--	--	--	--	--
1040	5050	346	--	--	--	--	--	--	--	8 S	6	--	--	--	--	--	--

TABLE C-4 **NUTRIENT ANALYSES OF SURFACE WATER**

Lab and Sampler Agency Code

5050 - California Department of Water Resources

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
GH	- Instantaneous gage height, in feet, above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
Depth	- Depth, in feet, when measurement was taken
F EC	- Field determination of electrical conductance in microsiemens at 25°C
F PH	- Field determination of acidity or alkalinity
TURB	- Jackson turbidity units measured with a Hach nephelometer, (A); if in the field, (F)
F-CO2	- Field determination of carbon dioxide in milligrams per liter
P ALK	- Field determination of alkalinity (Phenol)
T ALK	- Field determination of alkalinity (Total)

(Nitrogen Series as N)

D N02+N03	- Dissolved nitrite and nitrate
D N02	- Dissolved nitrite
D NO3	- Dissolved nitrate
D ORG N	- Dissolved organic nitrogen
T ORG N	- Total organic nitrogen
D NH 3	- Dissolved ammonia
T NH 3	- Total ammonia
T (NH3+ORG N)	- Total ammonia plus organic nitrogen

(Phosphorus Series as P)

DIS.A.H.P04	- Dissolved acid hydrolyzable phosphate
D O-P04	- Dissolved orthophosphate
T O-P04	- Total orthophosphate
D TOT P	- Dissolved total phosphorus
T TOT P	- Total phosphorus

TABLE C-4
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.H. O	TEMP DEPTH	F EC F PH	THIR F CO2	FIELD P ALK T ALK	D N2P N03	D N02 D N03	CONSTITUENTS IN MILLIGRAMS PER LITER D NRG N T NRG N	D NH3 T NH3	D IS A.H.P04	D N-P04 T N-P04	D T0T P T T0T P
08/28/85 1340	5050 5050	RO 50 E	0400.00 28.0C	2064 8.3	MUN SLU NR STEVINSON		4.1	--	PC6GU	--	--	0.05	--
												--	0.19
01/09/85 0915	5050 5050	RO 50 E	0470.00 10.0C	2537 7.4	SALT SLU NR STEVINSON		1.3	--	PC6RO	--	--	0.01	--
												--	0.18
08/27/85 1415	5050 5050	RO 50 E	0470.00 28.0C	1335 7.5			1.8	--		--	--	0.16	--
												--	0.47
01/09/85 1315	5050 5050	RO 50 E	0770.00 9.5C	798 9.6	DELTA MENDOTA CA TO MENDOTA POOL		0.45	--	RO6RO	--	--	0.00	--
												--	0.04
08/26/85 0815	5050 5050	RO 50 E	0770.00 23.0C	456 7.4			0.43	--		--	--	0.08	--
												--	0.13
10/22/84 1250	5050 5050	RO 50 E	3115.00 14 C	105 7.2	STANISLAUS R A KOETITZ RANCH		0.32	--	RO6RO	--	--	0.02	--
												--	0.07
01/08/85 1515	5050 5050	RO 50 E	3115.00 12.0C	99 7.4			0.35	--		--	--	0.02	--
												--	0.03
08/28/85 0930	5050 5050	RO 50 E	3115.00 17.0C	105 7.2			0.15	--		--	--	0.02	--
												--	0.05
09/23/85 1425	5050 5050	RO 50 E	3115.00 23.0C	172 7.4			0.63	--		--	--	--	--
												--	0.09
10/22/84 1115	5050 5050	RO 50 E	4105.00 15 C	138 7.3	TIJOLIMNE R A TIJOLIMNE CITY		0.70	--	RO6RO	--	--	0.03	--
												--	0.06
01/08/85 1345	5050 5050	RO 50 E	4105.00 12.0C	172 7.2			1.0	--		--	--	0.02	--
												--	0.04
08/28/85 1015	5050 5050	RO 50 E	4105.00 24.0C	357 7.5			1.3	--		--	--	0.12	--
												--	0.18
09/23/85 1305	5050 5050	RO 50 E	4105.00 24.0C	337 7.8			1.4	--		--	--	--	--
												--	0.16
01/08/85 1615	5050 5050	RO 50 E	4130.00 10.5C	275 7.4	OPY C NR MODESTO		2.1	--	RO6RO	--	--	0.20	--
												--	0.28
08/28/85 0645	5050 5050	RO 50 E	4130.00 21.0C	245 7.2			0.62	--		--	--	0.50	--
												--	0.52
10/22/84 0830	5050 5050	RO 50 E	4175.00 10.0C	34 6.8	TIJOLIMNE R A LA GRANGE BRIDGE		0.06	--	RO6RO	--	--	0.01	--
												--	0.01
06/10/85 1430	5050 5050	RO 50 E	4175.00 14.0C	38 7.0			0.06	--		--	--	0.01	--
												--	0.01
10/22/84 0915	5050 5050	RO 50 E	5131.00 14 C	111 7.0	MERCEN R A MILLIKEN RR		0.91	--	RO6RO	--	--	0.03	--
												--	0.06
11/26/84 1430	5050 5050	RO 50 E	5131.00 10.0C	54 7.0			0.16	--		--	--	--	--
												--	0.06
01/08/85 1015	5050 5050	RO 50 E	5131.00 11.0C	161 7.0			0.84	--		--	--	0.02	--
												--	0.04
08/27/85 1500	5050 5050	RO 50 E	5131.00 27.0C	230 7.3			1.4	--		--	--	0.03	--
												--	0.05
09/23/85 1015	5050 5050	RO 50 E	5131.00 22.0C	159 7.2			1.0	--		--	--	--	--
												--	0.04
11/27/84 0830	5050 5050	RO 50 E	5166.50 8.0C	162 7.2	CANAL C A OAKDALE RD		0.39	--	RO6RO	--	--	0.65	--
												--	0.68
04/09/85 0900	5050 5050	RO 50 E	5166.50 14.0C	50 7.1			0.04	--		--	--	0.02	--
												--	0.04
11/27/84 0930	5050 5050	RO 50 E	5184.00 12.0C	40 6.8	MERCEN R BL MERCEN FALLS DAM		0.09	--	RO6RO	--	--	0.02	--
												--	0.02
04/09/85 1140	5050 5050	RO 50 E	5184.00 15.0C	49 7.2			0.03	--		--	--	0.00	--
												--	0.00
11/26/84 1130	5050 5050	RO 50 E	5570.00 9.0C	321 7.7	REAR C BL REAR RES NR PLANADA		0.29	--	RO6RO	--	--	0.02	--
												--	0.05
04/09/85 1300	5050 5050	RO 50 E	5570.00 26.0C	230 8.2			0.01	--		--	--	0.02	--
												--	0.06

TABLE C-4 (CONTINUED)
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME		SAMP LAB	G.H. Q	TEMP DEPTH	F EC F PH	TURB F C02	FIELD P ALK T ALK	D NO2 + NO3	D NO2 NO3	CONSTITUENTS IN MILLIGRAMS PER LITER							D O-PO4 T O-PO4	D TOT P T TOT P
*****		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
		RD 6170.00	OWENS C BL OWENS DM NR PLANADA						R0860									
11/26/84	5050			8.00	463			0.19	--	--	--	--	--	--	0.01	--		
1015	5050	1 F			7.8				--	--	--	--	--	--	0.06	--		
04/09/85	5050	2.49	24.00	414				0.19	--	--	--	--	--	--	0.04	--		
1400	5050				7.8				--	--	--	--	--	--	--	0.28		
		RD 7040.00	SAN JOAQUIN R A MAZE RD BR						B06A0									
01/08/85	5050	15.93	12.50	780				1.6	--	--	--	--	--	--	0.10	--		
1430	5050				7.3				--	--	--	--	--	--	--	0.19		
08/28/84	5050	14.45	27.00	941				2.1	--	--	--	--	--	--	0.18	--		
0745	5050				7.4				--	--	--	--	--	--	--	0.32		
		RD 7090.00	SAN JOAQUIN R NR GRAY A LAIR SLU						R06A0									
01/08/85	5050		11.50	1130				2.0	--	--	--	--	--	--	0.17	--		
1330	5050	1500 E			7.3				--	--	--	--	--	--	--	0.35		
08/28/85	5050		24.00	918				2.3	--	--	--	--	--	--	0.23	--		
1115	5050	1000 E			7.5				--	--	--	--	--	--	--	0.49		
		RD 7200.00	SAN JOAQUIN R PATTERSON RR NR PATTERSON						B06A0									
01/08/85	5050	34.13	11.50	1001				1.7	--	--	--	--	--	--	0.12	--		
1300	5050				7.4				--	--	--	--	--	--	--	0.18		
08/26/85	5050	33.62	24.00	1000				2.3	--	--	--	--	--	--	0.18	--		
1200	5050				7.1				--	--	--	--	--	--	--	0.34		
		RD 7375.00	SAN JOAQUIN R A FREMONT FORD RR						R06A0									
01/08/85	5050	53.64	10.00	2224				1.2	--	--	--	--	--	--	0.09	--		
1100	5050				7.8				--	--	--	--	--	--	--	0.23		
08/28/85	5050	54.44	27.00	960				1.6	--	--	--	--	--	--	0.13	--		
1400	5050				6.9				--	--	--	--	--	--	--	0.35		
		RD 7400.00	SAN JOAQUIN R NR STEVINSON						R06A0									
01/09/85	5050	61.80	4.00	735				1.4	--	--	--	--	--	--	0.49	--		
0845	5050				8.0				--	--	--	--	--	--	--	0.52		
08/28/85	5050		29.00	699				0.00	--	--	--	--	--	--	0.09	--		
1415	5050				8.4				--	--	--	--	--	--	--	0.24		
		RD 7710.00	SAN JOAQUIN R NR MENDOTA						R06A0									
01/09/85	5050	1.31	10.00	681				0.33	--	--	--	--	--	--	0.01	--		
1330	5050				8.5				--	--	--	--	--	--	--	0.17		
08/26/85	5050	1.44	23.00	509				0.25	--	--	--	--	--	--	0.07	--		
0900	5050				7.5				--	--	--	--	--	--	--	0.15		
		RD 7845.00	SAN JOAQUIN R BL FRIANT						R09M0									
11/27/84	5050	1.90	11.00	54				0.12	--	--	--	--	--	--	0.06	--		
1350	5050	30 F			6.8				--	--	--	--	--	--	--	0.09		
04/10/85	5050	2.47	11.00	54				0.03	--	--	--	--	--	--	0.03	--		
1140	5050				7.2				--	--	--	--	--	--	--	0.05		
		RD 8735.00	DRESTIMBA C BL HWY 33						R06A0									
01/08/85	5050		13.00	916				5.6	--	--	--	--	--	--	0.01	--		
1200	5050	1 E			8.4				--	--	--	--	--	--	--	0.30		
08/28/85	5050	1.80	24.00	784				1.2	--	--	--	--	--	--	0.10	--		
1300	5050				7.9				--	--	--	--	--	--	--	0.40		
		RD 1130.00	STANISLAUS R BL GOODWIN DM						R09A0									
10/22/84	5050		14.00	64				0.08	--	--	--	--	--	--	0.01	--		
0930	5050	2000 E			7.2				--	--	--	--	--	--	--	0.02		
04/09/85	5050		13.00	77				0.08	--	--	--	--	--	--	0.00	--		
1030	5050	1500 E			7.3				--	--	--	--	--	--	--	0.01		
		RD 2110.10	STANISLAUS R NE A CALV RIG TREES						R0900									
10/22/84	5050		11.00	38				0.01	--	--	--	--	--	--	0.00	--		
1130	5050	200 F			7.2				--	--	--	--	--	--	--	0.01		
06/11/85	5050		21.00	32				0.41	--	--	--	--	--	--	0.01	--		
1115	5050	200 F			7.0				--	--	--	--	--	--	--	0.01		
		RD 3480.10	STANISLAUS R NE A DARGANELLE						R09E1									
10/22/84	5050		4.00	78				0.01	--	--	--	--	--	--	0.01	--		
1430	5050	100 F			7.4				--	--	--	--	--	--	--	0.02		
06/11/85	5050		9.00	43				0.31	--	--	--	--	--	--	0.01	--		
0830	5050	250 F			7.0				--	--	--	--	--	--	--	0.02		
		RD 1250.10	STANISLAUS R A TULLUMNE MBL						R10F0									
10/23/84	5050		4.00	44				0.05	--	--	--	--	--	--	0.00	--		
1230	5050				7.0				--	--	--	--	--	--	--	0.01		
06/12/85	5050		9.00	17				0.03	--	--	--	--	--	--	0.01	--		
0915	5050				6.8				--	--	--	--	--	--	--	0.01		
		RD 6100.00	OWENS C BL OWENS DM NR PLANADA						R08J0									
11/26/84	5050	2.42	10.00	76				0.26	--	--	--	--	--	--	0.02	--		
1215	5050				7.0				--	--	--	--	--	--	--	0.12		
04/09/85	5050	2.14	27.00	306				0.01	--	--	--	--	--	--	0.02	--		
1345	5050	1 E			6.4				--	--	--	--	--	--	--	0.10		

TABLE C-4 (CONTINUED)
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. O	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	N NO2 + NO3	N NO2 N NO3	CONSTITUENTS IN MILLIGRAMS PER LITER				N O-PO4 T O-PO4	N TOT P T TOT P		
									O ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	OTS A-I,PO4				
R6 2100.00 MARIPOSA C RL MARIPOSA DM R12J0																
04/09/85	5050	2.40	23.00	281			0.01	--	--	--	--	--	0.03	--	--	--
1500	5050	5 E		8.2				--	--	--	--	--	--	--	0.07	--
R6 4159.00 CHOWCHILLA R RL RUCHANAN DM NR RY R13A1																
10/29/84	5050	1.08	13 C	232			0.05	--	--	--	--	--	--	--	--	--
0900	5050	0.1		7.2				--	--	--	--	--	--	--	0.42	--
11/27/84	5050	1.12	9 C	214			0.12	--	--	--	--	--	0.02	--	--	--
0930	5050	0.1		7.0				--	--	--	--	--	--	--	0.09	--
R6 7150.00 FRESNO P RL HIDDEN DM NR DAULTON R13B0																
10/29/84	5050	2.65	17 C	176			0.15	--	--	--	--	--	--	--	--	--
1015	5050	25		7.4				--	--	--	--	--	--	--	0.05	--
11/27/84	5050	12.52	9 C	200			0.15	--	--	--	--	--	0.01	--	--	--
1030	5050	0.2		7.3				--	--	--	--	--	--	--	0.09	--
R6 7263.90 FRESNO P RL DAKHURST R13C0																
11/26/84	5050		6 C	155			0.02	--	--	--	--	--	0.01	--	--	--
5050		25 E		7.3				--	--	--	--	--	--	--	0.03	--
11/27/84	5050		6.00	155			0.02	--	--	--	--	--	0.01	--	--	--
1140	5050	25 F		7.3				--	--	--	--	--	--	--	0.03	--
04/10/85	5050		14.00	164			0.02	--	--	--	--	--	0.01	--	--	--
1005	5050	70 E		7.4				--	--	--	--	--	--	--	0.03	--
R6 7325.00 FRESNO R LEWIS F NR DAKHURST R13C0																
11/27/84	5050	1.15	4 C	155			0.01	--	--	--	--	--	0.01	--	--	--
1215	5050	15 F		7.3				--	--	--	--	--	--	--	0.02	--
04/10/85	5050	1.46	11.00	65			0.02	--	--	--	--	--	0.00	--	--	--
1030	5050			7.3				--	--	--	--	--	--	--	0.02	--
R7 1180.00 SAN JUANITA R RL KERCK NE PRATHER R14A1																
10/23/84	5050	5.00	15.00	49			0.03	--	--	--	--	--	0.00	--	--	--
0915	5050	30 F		7.8				--	--	--	--	--	--	--	0.02	--
06/24/85	5050	5.00	15.00	57			0.05	--	--	--	--	--	0.01	--	--	--
0930	5050	30 E		7.1				--	--	--	--	--	--	--	0.01	--
R7 4250.50 SAN JUANITA R SE A MOND HOT SPR R14B0																
10/22/84	5050	2.50	5.00	39			0.02	--	--	--	--	--	0.01	--	--	--
1000	5050	10 E		7.3				--	--	--	--	--	--	--	0.01	--
06/25/85	5050	2.00	15.00	47			0.04	--	--	--	--	--	0.01	--	--	--
0945	5050	5 F		7.2				--	--	--	--	--	--	--	0.01	--
R8 659.3 144.0 LOS BANOS RESERVOIR R0702																
11/13/84	5050		16 C	500	24	0	0.00	--	--	0.04		--	0.02	--	--	--
1150	5050		1	7.8		190		--	--	--	0.6	--	--	--	0.04	--
01/15/85	5050		13 C	600	44	0	0.10	--	--	0.02		--	0.04	--	--	--
1025	5050		1	7.8		175		--	--	--	0.4	--	--	--	0.07	--
03/19/85	5050		13 C	550		0	0.00	--	--	0.00		--	0.00	--	--	--
0900	5050		1	7.5		190		--	--	--	0.6	--	--	--	0.03	--
05/14/85	5050		14 C	560	24	0	0.00	--	--	0.00		--	0.00	--	--	--
0800	5050		1	7.8		182		--	--	--	0.5	--	--	--	0.02	--
07/16/85	5050		27 C	590	34	10	0.01	--	--	0.01		--	0.00	--	--	--
0900	5050		1	8.1		150		--	--	--	0.7	--	--	--	0.03	--
R8 8427.10 LOS BANOS CR AT CONF NO. 8 SG. PK R0701																
11/13/84	5050		10 C	1000	14	0	0.05	--	--	0.01		--	0.01	--	--	--
0807	5050		1	7.8		240		--	--	--	0.2	--	--	--	0.02	--
01/15/85	5050		6.50	620	14	0	1.2	--	--	0.01		--	0.16	--	--	--
0900	5050		1	7.6		190		--	--	--	0.4	--	--	--	0.18	--
03/19/85	5050		13 C	460		0	0.01	--	--	0.00		--	0.02	--	--	--
1045	5050		1	7.7		175		--	--	--	0.2	--	--	--	0.02	--
05/13/85	5050		24 C	540	14	0	0.01	--	--	0.01		--	0.01	--	--	--
1230	5050		1	7.8		207		--	--	--	0.2	--	--	--	0.02	--
R8 8427.50 SALT SPR NEAR LOS BANOS RESERVOIR R0702																
11/13/84	5050		14 C	4500			0.10	--	--	0.00		--	0.02	--	--	--
1115	5050		1	6.6				--	--	--	3.5	--	--	--	0.24	--
07/16/85	5050		25 C	3400		0	0.31	--	--	0.04		--	0.00	--	--	--
0745	5050		1	7.5		290		--	--	--	3.7	--	--	--	0.09	--
09/16/85	5050		27 C	3200		0	0.39	--	--	0.02		--	0.00	--	--	--
0810	5050		1	7.5		265		--	--	--	1.7	--	--	--	0.04	--
R8 8429.60 LOS BANOS CRK AT END OF RESERVOIR R0701																
11/13/84	5050		13 C	1560	24	0	1.01	--	--	0.01		--	0.02	--	--	--
1025	5050		1	7.7		380		--	--	--	0.4	--	--	--	0.02	--
12/18/84	5050		8 C	650	14	0	0.47	--	--	0.02		--	0.03	--	--	--
1130	5050			7.9		200		--	--	--	0.3	--	--	--	0.04	--
01/15/85	5050		8 C	900	24	0	0.01	--	--	0.01		--	0.06	--	--	--
0610	5050		1	8.0		260		--	--	--	0.3	--	--	--	0.07	--
02/19/85	5050		22 C	700	14	0	0.00	--	--	0.01		--	0.02	--	--	--
1250	5050			7.8		250		--	--	--	0.5	--	--	--	0.03	--

TABLE C-4 (CONTINUED)
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.H. O	TEMP DEPTH	F EC F PH	THRA F CO2	FIFLD P ALK T ALK	O NO2 + NO3	D NO2 D NO3	CONSTITUENTS IN D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	MILLIGRAMS PER LITER DIS A.4.P04	D D-PO4 T D-PO4	D TOT P T TOT P
RA 8429.60 LOS RANOS CRK AT END OF RESERVOIR P07D1 CONTINUED														
03/19/85 0830	5050 5050		12 C 1	700 7.8		0 249	0.01	--	--	0.00		--	0.02	--
											0.3	--	--	0.02
04/16/85 0855	5050 5050		16.0C 1	740 7.8	14	0 250	0.01	--	--	0.01		--	0.02	--
											0.3	--	--	0.04
05/14/85 0720	5050 5050		20 C 1	920 7.6	14	0 290	0.01	--	--	0.01		--	0.02	--
											0.3	--	--	0.03
06/17/85 0745	5050 5050		27 C 1	750 8.5	34	0 272	0.01	--	--	0.01		--	0.01	--
											0.9	--	--	0.05
07/16/85 0820	5050 5050		26 C 1	728 8.0	44	0 230	0.01	--	--	0.02		--	0.01	--
											1.3	--	--	0.13
CO 1140.00 KINGS R BL PEOPLES WR NR KINGSBURG C01F0														
10/30/84 1240	5050 5050		16.5C 50 E	224 8.0			0.05	--	--	--		--	0.03	--
											--	--	--	0.08
05/21/85 0715	5050 5050	66.85 75 E	21.0C	162 7.4			0.64	--	--	--		--	0.02	--
											--	--	--	0.07
CO 2185.00 KAWEAH R BL TERMINUS DM C61K0														
10/30/84 1105	5050 5050	0.57 25 E	17 C	115 7.3			0.10	--	--	--		--	0.01	--
											--	--	--	0.02
11/27/84 1030	5050 5050	4.19	12.0C	99 7.4			0.05	--	--	--		--	--	--
											--	--	--	0.02
05/22/85 1145	5050 5050	4.99 350 E	14.0C	57 7.2			0.04	--	--	--		--	0.01	--
											--	--	--	0.01
09/11/85 0800	5050 5050	0.72 20 E	21.0C	96 7.1			0.09	--	--	--		--	--	--
											--	--	--	0.02
CO 3196.00 TULE R BL SUCCESS DM C61L0														
10/30/84 0920	5050 5050	5.24 100 F	18 C	251 7.8			0.10	--	--	--		--	0.01	--
											--	--	--	0.04
05/22/85 1015	5050 5050	3.36	17.0C	181 8.0			0.11	--	--	--		--	0.01	--
											--	--	--	0.04
08/21/85 0850	5050 5050	2.98 37.0	25.0C	206 7.7			0.12	--	--	--		--	--	--
											--	--	--	0.10
CO 4460.00 POSO C A PORTERVILLE HW NR DOW C01M0														
05/22/85 0845	5050 5050		23.0C 2 E	473 7.8			0.14	--	--	--		--	0.07	--
											--	--	--	0.16
CO 5150.00 KERN R NR BAKERSFIELD C61N0														
10/29/84 1515	5050 5050		15 C 300 F	109 7.9			0.15	--	--	--		--	0.03	--
											--	--	--	0.04
05/22/85 0700	5050 5050		18.0C 600 E	103 7.4			0.02	--	--	--		--	0.01	--
											--	--	--	0.05
C1 1320.00 BIG C AR PINE FLAT RES NR TRIMMER C03R1														
10/29/84 1245	5050 5050	1.31 20.0	15 C	135 7.8			0.02	--	--	--		--	0.01	--
											--	--	--	0.01
05/22/85 0815	5050 5050	1.60 10.0	16.0C	90 7.4			0.00	--	--	--		--	0.00	--
											--	--	--	0.01
C1 1460.00 KINGS R BL NF NR TRIMMER C03R1														
10/29/84 1350	5050 5050	3.08 300	13 C	52 7.3			0.02	--	--	--		--	0.01	--
											--	--	--	0.01
05/22/85 0915	5050 5050	7.46 6000.0	12.0C	26 7.1			0.02	--	--	--		--	0.00	--
											--	--	--	0.01
C1 2199.10 DINKEY C BL DINKEY C RES C03R3														
10/22/84 1400	5050 5050		14.0C 25 E	44 7.2			0.02	--	--	--		--	0.00	--
											--	--	--	0.01
06/25/85 1400	5050 5050		16.0C 10 F	50 7.3			0.02	--	--	--		--	0.00	--
											--	--	--	0.00
C1 2207.10 DINKEY C AR DINKEY C RES C03R3														
10/22/84 1245	5050 5050		10.0C 25 F	37 7.2			0.01	--	--	--		--	0.00	--
											--	--	--	0.01
06/25/85 1230	5050 5050		16.0C 10 F	48 7.2			0.02	--	--	--		--	0.00	--
											--	--	--	0.00
C1 5151.60 DRY CREEK AT THOMPSON AVE FORD C01O0														
02/11/85 0845	5050 5050		6.0C 14.2	341 8.1			--	--	--	--		--	0.09	--
								0.41	--	--	0.7	--	--	0.13
03/11/85 1040	5050 5050		12.0C 9.2	396 8.2			--	--	--	--		--	0.05	--
								0.04	--	--	0.3	--	--	0.08
C4 4210.00 POSO C NR DILLDALE C05E0														
10/29/84 1425	5050 5050	6.33	17 C	292 8.0			0.09	--	--	--		--	0.04	--
											--	--	--	0.12
05/22/85 0800	5050 5050	6.54 10 F	20.0C	258 7.8			0.14	--	--	--		--	0.04	--
											--	--	--	0.09

TABLE C-4 (CONTINUED)
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.W. O	TEMP DEPTH	F EC F PH	TURB F CD2	FIELD	O NO2 + NO3	O NO2 O NO3	CONSTITUENTS IN MILLIGRAMS PER LITER							O O-PO4 T O-PO4	O TOT P T TOT P
						P ALK T ALK			O ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	OIS A.W.P04					
C4 4950.10 POSN C RL GLENNVILLE C05E0																	
10/29/84	5050		16 C	224			0.03	--	--	--			--	0.03	--		
1300	5050	5 E		8.0				--	--	--			--	--		0.09	
05/21/85	5050		19.0C	280			0.07	--	--	--			--	0.03	--		
1000	5050	1 F		8.2				--	--	--			--	--		0.06	
C5 1350.00 KERN R RL ISABELLA DAM C06A0																	
10/29/84	5050	7.05	15 C	71			0.10	--	--	--			--	0.03	--		
1040	5050			7.3				--	--	--			--	--		0.05	
05/21/85	5050	7.48	17.0C	94			0.02	--	--	--			--	0.01	--		
1315	5050			7.4				--	--	--			--	--		0.02	
C5 1650.10 KERN R RL FAIRVIEW C06B2																	
10/29/84	5050		8.5C	109			0.00	--	--	--			--	0.00	--		
1145	5050	50 F		7.6				--	--	--			--	--		0.01	
05/21/85	5050		13.0C	39			0.01	--	--	--			--	0.00	--		
1200	5050	300 F		7.2				--	--	--			--	--		0.02	

TABLE C-5 PESTICIDE ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 - California Department of Water Resources

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees Celcius (C)
EC	- Electrical conductance in microsiemens at 25°C
DO	- Dissolved oxygen content in milligrams per liter
pH	- Measure of acidity or alkalinity of water
Discharge	- Instantaneous discharge in cubic feet per second

Pesticide Codes

Chlorinated Hydrocarbons

<u>Code</u>	<u>Explanation</u>
-------------	--------------------

Chydrocarb	Chlorinated hydrocarbon compounds used for zero concentrations; not total
------------	---

Organic Phosphorous

<u>Code</u>	<u>Explanation</u>
-------------	--------------------

Organicp	Organic phosphorous compounds; used for zero concentrations, not total
----------	--

Other

<u>Code</u>	<u>Explanation or common name</u>
-------------	-----------------------------------

ALTRAZSIMAZ	Atrazine and/or Simazine
BRDCLMETHN	Bromodichloromethane
BROMOFORM	Bromoform
CHLOROFORM	Chloroform
PHENOXYGR	Chlorinated phenoxy acid Group, which includes 2,4-D; 2,5-T; 2,4,5-TP and MCPA (also PCP and TETRACP) used for zero concentrations, not total
PRGHALOCRB	Purgable halocarbons; used for zero concentrations, not total
2,4D	Includes acid, salts, and esters

TABLE C-5
 PESTICIDE ANALYSES OF SURFACE WATER
 COMPOUNDS REPORTED IN MILLIGRAMS PER LITER
 CHLORINATED HYDROCARBON ORGANIC PHOSPHORUS

DATE TIME	SAMP LAB	TEMP DO EC PH	DISCHARGE	CHLORINATED HYDROCARBON	ORGANIC PHOSPHORUS	OTHER
	C1	5151.60		DRY CREEK AT THOMPSON AVE FORD	CG100	
02/11/85	5050	6.0C 12.2		.00000 CHYDRONCARA	.00000 ORGANICP	.00000 PHENNTYGR
0845	5050	341 9.1	14.2			
03/11/85	5050	12.0C 9.8			.00000 ORGANICP	.00003 ATPA75IMAT
1040	5050	396 8.2	9.2			.0006A 24P

APPENDIX D

GROUND WATER MEASUREMENTS

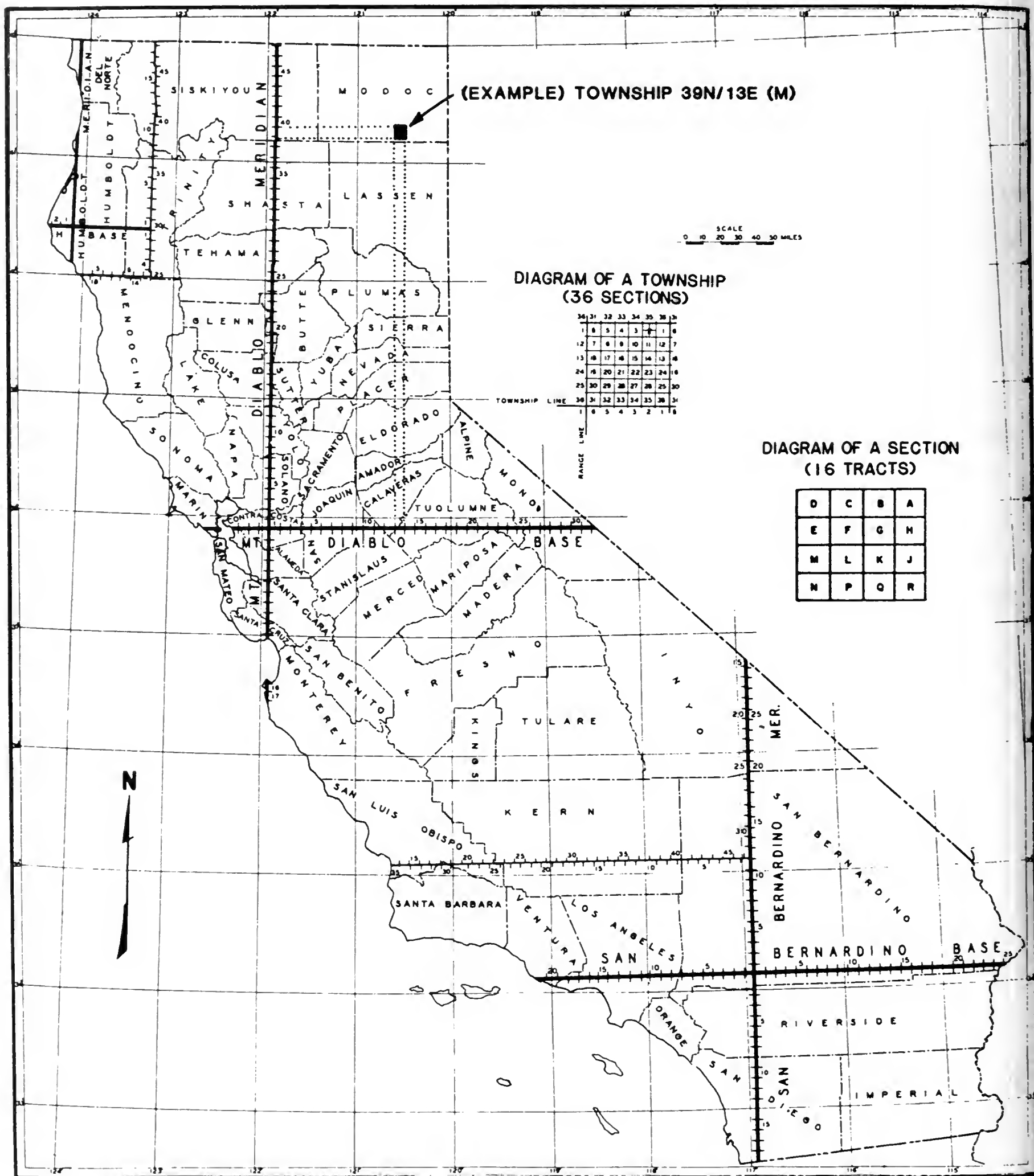


Figure 5. TOWNSHIP AND RANGE SYSTEM OF CALIFORNIA

APPENDIX D

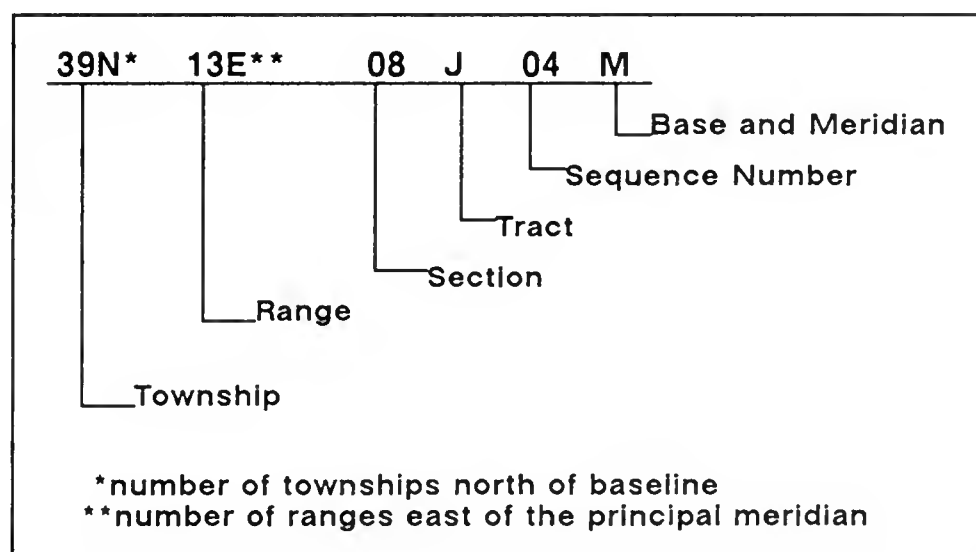
GROUND WATER MEASUREMENTS

Appendix "D" presents depth to water measurements (ground to water) and water surface elevations for selected wells in the San Joaquin Valley from October 1, 1984 to September 30, 1985.

The location of a well can be approximated by the well number. The numbering system for wells is based on a rectangular system called the United States System of Surveying the Public Lands, commonly referred to as the Public Lands Survey. This system ties all tracts of land to an initial point and identifies each as being in a particular township. A township is a square parcel of land six miles on each side. Its location is established as being so many six-mile units east or west of a north-south line (*principal meridian*) through the initial point and so many six-mile units north or south of an east-west line (*baseline*) through the point. The meridional (longitudinal) lines parallel to, and east or west of, the principal meridian are called *range lines*. Latitudinal lines parallel to, and north or south of, the baseline are known as *township lines*. Each township is described with respect to the initial point by its distance (in numbers of six mile units) and direction from that point i.e., north or south and east or west.

Figure 5 presents the township and range system for California, and shows the three bases and meridians: i.e., the Humboldt (H), Mount Diablo (M) and San Bernardino (S). The figure also numbers the townships and ranges along the principal meridians and baselines, and shows the location of, for example, township 39N/13E M. The location of any township in the State can be found by extending the township and range lines as shown.

Every township is further divided into 36 equal parts called sections. A diagram of a typical township with the sections numbered from 1 to 36 is shown on Figure 5. The well numbering system is an extension of the public land survey system and involves dividing each section of land into sixteen 40-acre tracts with each tract given a letter (A through R) to identify it (Figure 5.) Sequence numbers in a tract are assigned in chronological order. A typical well number consists of 12 characters expressed as follows:



In the above example, this is the fourth well to be assigned a number in Tract J, Section 8 of the designated township.

Ground water measurement stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Individual areal code numbers appear to the left of the areal names, and the data listed thereunder are in that areal code boundary. The number of ground water stations pre-

cludes plotting each individual well on maps in this publication. Instead, the location of the San Joaquin Valley ground water basin, the basin from which all the data in this appendix was obtained, is shown in Figure 6.

To facilitate station location, page 118 lists the name and areal code number for each hydrologic area in which measurements were taken. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. Page 118 also lists the page numbers for the tabulated data.

The dates shown in Table D are the dates when the depth measurements were made.

Some of the measurements in the "ground to water" column may be followed by a single digit in parenthesis, which indicates a questionable measurement. The meaning of these codes is as follows:

- | | |
|---------------------------|--|
| (0) Caved or deepened | (5) Air or pressure gage measurement |
| (1) Pumping | (6) Other |
| (2) Nearby pump operating | (7) Recharge operation at or near well |
| (3) Casing leaking or wet | (8) Oil in casing |
| (4) Pumped recently | (9) Acoustic sounder |

When the letters "NM" followed by a digit in parenthesis appears in the column, it means a measurement was attempted but could not be obtained. The reason for no measurement is described by the digit listed below:

- | | |
|-------------------------------|------------------------------|
| (0) Measurement Discontinued | (5) Unable to locate well |
| (1) Pumping | (6) Well has been destroyed |
| (2) Pump house locked | (7) Special |
| (3) Tape hung up | (8) Casing leaking or wet |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible |

The words "FLOW" and "DRY" also appear in this column to indicate a flowing or dry well, respectively. When a minus sign precedes the value, it indicates that the static water level in a flowing well is that distance in feet above the ground surface.

Elevations are given in feet at USGS mean sea level datum. Ground surface elevations are usually obtained by interpolation between contours of USGS topographic maps.

The final column is the code number for the agency supplying the data. Contributing agencies and their code numbers are:

- | | |
|---|--|
| 3044 - Tule River Association | 5521 - Modesto Irrigation District |
| 5001 - U. S. Bureau of Reclamation | 5525 - Merced Irrigation District |
| 5050 - California Department of Water Resources | 5531 - San Luis Canal Company |
| 5110 - San Joaquin County | 5631 - Fresno Irrigation District |
| 5112 - Fresno County | 5646 - Westlands Water District |
| 5133 - Kern County Water Agency | 5649 - Wheeler Ridge—Maricopa Water Storage District |
| 5203 - Modesto, City | 7123 - Cawelo Water District |
| 5515 - Central California Irrigation District | |

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Areal Codes for Hydrologic Areas and Index to Data—Appendix D

Hydrologic Area*		Areal Code**	Data on page	Hydrologic Area*		Areal Code**	Data on page
San Joaquin	HB	B		Tulare Lake	HB	C	
Delta-Mendota Canal	HU	B-06		South Valley Floor	HU	C-01	
Patterson	HA	B-06.A	120	Westlands	HA	C-01.A	145
Los Banos	HA	B-06.B	122	Raisin	HA	C-01.B	151
				Fresno	HA	C-01.C	153
San Joaquin Valley Floor	HU	B-08		Academy	HA	C-01.D	155
Manteca	HA	B-08.A	127	Orange Cove	HA	C-01.E	156
Valley Home	HA	B-08.B	128				
Riverbank	HA	B-08.C	128	Alta	HA	C-01.F	157
Warnersville	HA	B-08.D	130	Consolidated	HA	C-01.G	159
Turlock	HA	B-08.E	130	Lower Kings River	HA	C-01.H	160
Montpelier	HA	B-08.F	131	Hanford-Lemoore	HA	C-01.J	162
El Nido-Stevinson	HA	B-08.G	133	Kaweah Delta	HA	C-01.K	164
Merced	HA	B-08.H	135	Tule Delta	HA	C-01.L	174
Fahr Creek	HA	B-08.J	136	Lake Sump	HA	C-01.M	181
Gravelly Ford	HA	B-08.K	136	South Tulare Lake	HA	C-01.N	181
Madera	HA	B-08.L	138	Kettleman	HA	C-01.P	181
Berenda Creek	HA	B-08.M	142	Antelope Plain	HA	C-01.Q	182
				Semitropic	HA	C-01.R	183
Stanislaus River	HU	B-09		North Kern	HA	C-01.T	186
Middle Fork, Stanislaus	HA	B-09.E	144	Kern Uplands	HA	C-01.U	193
				Kern Delta	HA	C-01.V	194
Ahwahnee	HU	B-13		Taft	HA	C-01.W	198
Daulton	HA	B-13.B	144	Arvin-Wheeler Ridge	HA	C-01.X	198
				Kings River	HU	C-03	
				Humphreys Station	HA	C-03.A	203
				Kaweah River	HU	C-04	
				Yokohl Creek	HA	C-04.C	204
				Southern Sierra	HU	C-05	
				Tule River	HA	C-05.A	
				Springville	HSA	C05.A1	204
				Grapevine	HU	C-07	
				San Emigdio	HA	C-07.C	205

*See page 2.

**See Figure 2.

NOTE: Measurements made in Basin 5-22 only.

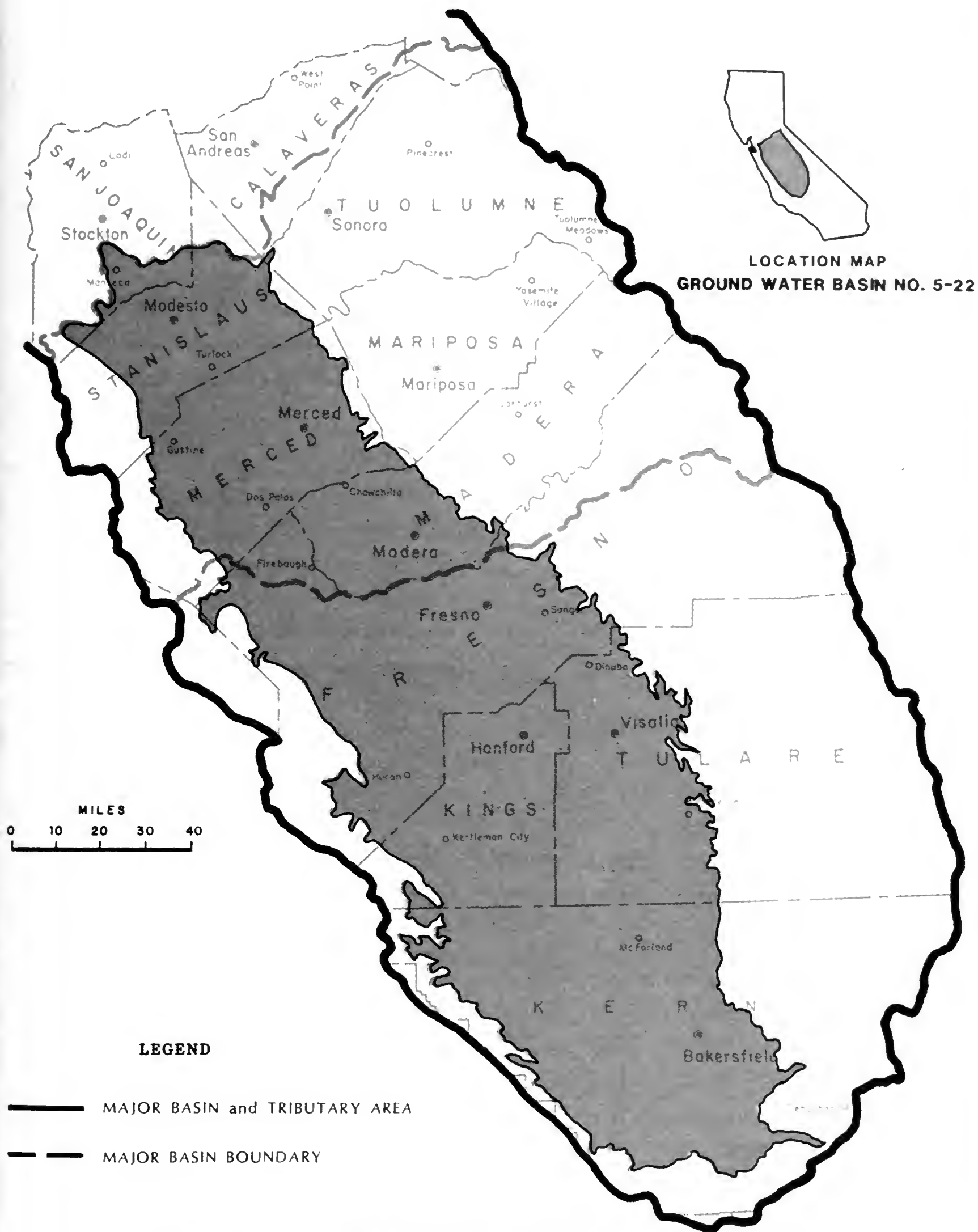


Figure 6. LOCATION OF THE SAN JOAQUIN VALLEY
GROUND WATER BASIN - MEASUREMENT

TABLE D
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-06 8-06.A	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU PATTERSON HA					8 8-06 8-06.A	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU PATTERSON HA				
03S/06E-08N01 M	69.0	10/04/84 04/30/85	82.9(0) 80.1	-13.9 -11.1	50C1	04S/07E-27H01 M	73.0	05/03/85	20.4	52.6	5001
03S/06E-09J02 M		10/10/84 05/01/85	NM-5 NM-5		5001	04S/07E-34K01 M	81.0	10/10/84 05/02/85	27.5 28.0	53.5 53.0	5001
03S/06E-15N01 M	74.0	10/05/84 04/30/85	69.9 NM-1	4.1	50C1	04S/07E-34P01 M		10/04/84 05/01/85	DRY DRY		5001
03S/06E-17R02 M	84.0	10/04/84 04/30/85	8.8 7.9	75.2 76.1	5001	04S/07E-35001 M	62.5	10/11/84 05/03/85	23.5 20.8	39.0 41.7	5001
03S/06E-22H01 M	67.0	10/04/84 04/30/85	7.2 7.0	59.8 60.0	5001	05S/07E-02E01 M	94.0	10/04/84 05/03/85	49.2 49.2	44.8 44.8	5001
03S/06E-23C01 M	65.0	10/11/84 03/12/85	54.2 33.2	10.8 31.8	5110	05S/07E-02J01 M	86.0	10/11/84 05/03/85	40.2 39.9	45.8 46.1	5001
03S/06E-23J01 M		10/04/84 04/30/85	NM-5 NM-5		5001	05S/07E-04801 M	110.2	10/11/84 05/03/85	53.7 51.9	56.5 58.3	5001
03S/06E-26C01 M	72.4	10/04/84 04/30/85	55.6 80.6	16.8 -8.2	5001	05S/07E-05P01 M	195.0	10/11/84 05/03/85	137.7 136.4	57.3 58.6	5001
03S/06E-27P01 M	114.0	10/04/84 05/01/85	29.2 30.0	84.8 84.0	5001	05S/07E-08K01 M	207.9	10/11/84 05/03/85	152.3 152.0	55.6 55.9	5001
03S/06E-36N01 M	82.7	10/04/84 05/01/85	14.5 9.0	66.2 73.7	5001	05S/07E-09J01 M	148.4	10/11/84 05/03/85	88.7 87.0	59.7 61.4	5001
04S/06E-02001 M	105.5	10/10/84 05/01/85	31.2 NM-2	74.3	5001	05S/07E-13K02 M	107.0	10/11/84 05/03/85	49.1 51.3	57.9 55.7	5001
04S/06E-04H01 M	163.3	10/10/84 04/30/85	97.1 93.8	66.2 69.5	5001	05S/07E-14001 M	130.4	10/11/84 05/03/85	71.9 71.6	58.5 58.8	5001
04S/06E-04N01 M	193.0	10/10/84 04/30/85	135.9 145.7	57.1 47.3	5001	05S/07E-15G01 M	150.0	10/11/84 05/03/85	91.7 92.2	58.3 57.8	5001
04S/06E-05A01 M	178.8	10/05/84 04/30/85	84.6 93.2	94.2 85.6	5001	05S/07E-23801 M	129.6	10/11/84 05/03/85	73.2 72.5	55.4 56.1	5001
04S/06E-05F01 M		10/05/84 04/30/85	NM-1 NM-1		5001	05S/07E-23F01 M	138.0	10/11/84 05/03/85	76.6 77.9	61.4 60.1	5001
04S/06E-06A01 M	232.8	10/05/84 04/30/85	151.2 148.1	81.6 84.7	5001	05S/07E-24H01 M	99.0	10/11/84 05/03/85	37.4 38.7	61.6 60.3	5001
04S/06E-08R01 M	215.5	10/10/84 05/01/85	155.8 155.1	59.7 60.4	5001	05S/07E-35F01 M	160.0	10/11/84 05/03/85	90.4 93.5	69.6 66.5	5001
04S/06E-09R01 M	166.3	10/10/84 05/01/85	97.7 95.5	68.6 70.8	5001	05S/08E-06E01 M	70.8	10/11/84 05/03/85	27.9 28.7	42.9 42.1	5001
04S/06E-10R01 M	130.3	10/10/84 05/01/85	42.7 43.4	87.6 86.9	5001	05S/08E-31E01 M	128.0	10/11/84 05/03/85	32.4 33.3	95.6 94.7	5001
04S/06E-11N01 M	127.0	10/10/84 05/01/85	60.4 68.0	66.6 59.0	5001	05S/08E-32K01 M	90.9	10/11/84 05/03/85	8.8 8.7	82.1 82.2	5001
04S/06E-12N01 M	97.0	10/11/84 05/01/85	15.8 18.0	81.2 79.0	5001	06S/07E-12R01 M	208.0	11/27/84 04/16/85	110.0 112.0(9)	98.0 96.0	5050
04S/06E-15R01 M	156.1	10/10/84 05/01/85	66.4 67.3	89.7 88.8	50C1	06S/08E-01J01 M	43.0	11/27/84 04/16/85	8.5 10.5	34.5 32.5	5050
04S/06E-21E01 M	337.7	10/11/84 05/03/85	242.8 244.4	94.9 93.3	50C1	06S/08E-07A02 M	152.0	11/27/84 04/16/85	62.0 63.0(1)	90.0 89.0	5050
04S/06E-21G01 M	296.4	10/11/84 05/03/85	228.0 229.3	68.4 67.1	5001	06S/08E-10R01 M	82.5	10/20/84	7.9	74.6	5050
04S/06E-24L01 M		10/10/84 05/01/85	NM-5 NM-5		5001	06S/08E-12H02 M		10/20/84	DRY		5050
04S/06E-25C01 M	174.0	10/10/84 05/01/85	89.8 91.3	84.2 82.7	5001	06S/08E-12J01 M	62.0	11/27/84 04/16/85	18.0 17.5	44.0 44.5	5050
04S/06E-25J01 M	190.0	10/10/84 05/01/85	91.4 92.2	88.6 87.8	5001	06S/08E-12L01 M	64.3	04/16/85	13.4	50.9	5050
04S/06E-36C01 M	216.0	10/10/84 05/01/85	127.4 127.6	88.6 88.4	5001	06S/08E-12001 M	66.1	10/20/84	12.7	53.4	5050
04S/07E-06801 M		10/04/84 05/01/85	DRY DRY		50C1	06S/08E-14J01 M	77.6	10/20/84	12.7	64.9	5050
04S/07E-06J01 M	55.9	10/10/84 05/03/85	6.1 DRY	49.8	50C1	06S/08E-16A01 M	103.1	10/20/84	7.5	95.6	5050
04S/07E-06M02 M	47.5	10/10/84 05/03/85	16.2 NM-1	51.3	5001	06S/08E-16HC1 M	109.0	11/27/84 04/16/85	21.7 20.7	87.3 88.3	5050
04S/07E-07K01 M	66.0	10/10/84 05/03/85	11.0 9.5	55.0 56.5	50C1	06S/08E-19H01 M	180.0	11/27/84 04/16/85	77.4 NM-1	102.6	5050
04S/07E-08P01 M	48.0	10/10/84 05/03/85	7.7 6.0	40.3 42.0	50C1	06S/08E-20D01 M	170.5	11/27/84 04/16/85	70.5 70.5	100.0 100.0	5050
04S/07E-16P01 M	54.2	10/10/84 05/03/85	9.1 4.2(6)	45.1 50.0	5001	06S/08E-21R01 M	133.5	11/27/84 04/16/85	41.0 42.0	92.5 91.5	5050
04S/07E-19J02 M	114.0	10/10/84 05/01/85	38.9 40.4	75.1 73.6	50C1	06S/08E-21R02 M	133.0	11/27/84 04/16/85	41.3 43.3	91.7 89.7	5050
04S/07E-21H01 M	58.0	10/10/84 05/03/85	14.9 NM-1	43.1	5001	06S/08E-22A01 M	96.9	04/16/85	19.6	77.3	5050
04S/07E-27H01 M	73.0	10/10/84	19.8	53.2	50C1	06S/08E-220C2 M	115.0	11/27/84 04/16/85	19.4 18.4	95.6 96.6	5050
						06S/08E-24H01 M	80.9	11/27/84 04/16/85	21.2 21.2	59.7 59.7	5050
						06S/08E-25P01 M		10/20/84	DRY		5050
						06S/08E-27001 M	113.7	10/20/84	16.0	97.7	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-06 8-06.A	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU PATTERSON HA					B 8-06 8-06.B	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA				
06S/08E-27J01 M	114.5	11/27/84 04/16/85	43.0 44.0	69.5 70.5	5050	06S/09E-304C1 M	75.0	10/20/84	6.3	68.7	5050
06S/08E-27R02 M	107.4	10/20/84	17.8	89.6	5050	07S/08E-12P01 M	103.0	03/06/85	30.0(P)	73.0	5515
06S/08E-29E01 M	218.0	11/27/84 04/16/85	95.8 94.8	122.2 123.2	5050	07S/08E-25C02 M	99.0	11/29/84 04/17/85	15.5 16.5	83.5 82.5	5050
06S/08E-29J01 M	190.0	11/27/84 04/16/85	83.0 83.0	107.0 107.0	5050	07S/08E-35H01 M	110.0	11/29/84 04/17/85	10.0 10.5	100.0 99.5	5050
06S/08E-34M01 M	135.7	11/27/84 04/16/85	58.8 NM-1	76.9	5050	07S/08E-36EC1 M		04/17/85	NM-7		5050
06S/08E-34R02 M	117.0	11/27/84 04/16/85	37.1 37.1	79.9 79.9	5050	07S/09E-C5F01 M		04/17/85	NM-5		5050
06S/08E-35D01 M	103.0	03/06/85	37.5(5)	65.5	5515	07S/09E-08G02 M	74.0	11/28/84 04/17/85	8.0 9.0	66.0 65.0	5050
06S/08E-36R01 M		10/20/84	DRY		5050	07S/09E-20PC1 M	78.6	10/20/84	1.1	77.5	5050
06S/09E-07M01 M		04/16/85	NM-7		5050	07S/09E-20P01 M	73.4	10/20/84	12.4	61.0	5050
06S/09E-07P01 M		10/20/84	DRY		5050	07S/09E-21N01 M	73.0	11/28/84 04/17/85	12.0 13.0	61.0 60.0	5050
06S/09E-18E02 M	75.0	11/27/84 04/16/85	26.0 25.0	49.0 50.0	5050	07S/09E-28N01 M	80.0	11/28/84 04/17/85	8.5 NM-1	71.5	5050
06S/09E-30J01 M		04/16/85	NM-7		5050	07S/09E-28P01 M	60.0	11/28/84 04/17/85	9.5 9.0	70.5 71.0	5050
06S/09E-31R01 M	83.0	10/20/84	11.7	71.3	5050	07S/09E-28R01 M	73.2	10/20/84	1.8	71.4	5050
07S/08E-01D01 M	105.0	03/06/85	31.5	73.5	5515	07S/09E-29NC2 M	85.0	10/20/84	8.2	76.8	5050
07S/08E-01D02 M		10/20/84	DRY		5050	07S/09E-29P01 M	82.5	10/20/84	6.3	76.2	5050
07S/08E-02R01 M	106.8	10/20/84	14.6	92.2	5050	07S/09E-31001 M	94.3	10/20/84	9.0	89.3	5050
07S/08E-03A01 M		10/20/84	DRY		5050	07S/09E-31NC1 M	107.0	10/20/84	10.5	96.5	5050
07S/08E-03D02 M	130.0	04/16/85	53.0	77.0	5050	07S/09E-36P01 M		04/17/85	NM-9		5050
07S/08E-04E01 M		04/16/85	NM-9		5050	07S/10E-18L01 M	70.0	10/16/84 12/12/84	8.0 8.0	62.0 62.0	5050
07S/08E-09F01 M	156.0	04/16/85	75.0	81.0	5050	07S/10E-19G01 M	70.0	10/16/84 12/12/84	8.5 8.0	61.5 62.0	5050
07S/08E-09G01 M	146.7	04/16/85	65.6	81.1	5050	08S/08E-C1N02 M	125.1	10/20/84	11.0	114.1	5050
07S/08E-11D03 M	130.4	10/20/84	13.6	116.8	5050	08S/08E-12A01 M		04/17/85	NM-7		5050
07S/08E-12D01 M	106.0	03/06/85 04/16/85	31.0 NM-1	75.0 5050	5515	08S/08E-12NC1 M	140.5	10/20/84	14.4	126.1	5050
07S/08E-12F01 M	104.0	03/06/85	33.5(8)	70.5	5515	08S/08E-15G01 M		04/17/85	NM-7		5050
07S/08E-13D01 M	105.0	03/06/85	34.5(5)	68.5	5515	08S/08E-15J01 M	172.8	11/28/84 04/17/85	29.0 NM-4	143.8	5050
07S/08E-13E02 M	169.5	11/28/84 04/17/85	42.5 42.0	67.0 67.5	5050	08S/08E-15K01 M	177.0	11/28/84 04/17/85	22.5 28.5	154.5 148.5	5050
07S/08E-13M01 M	107.0	03/06/85	32.0(8)	75.0	5515	08S/08E-23D02 M	160.0	11/28/84 04/17/85	24.5 NM-1	135.5	5050
07S/08E-13N02 M	107.0	03/06/85	31.5	75.5	5515	08S/08E-25A01 M	131.5	11/28/84 04/17/85	11.4 16.4	120.1 115.1	5050
07S/08E-14A02 M		10/20/84	DRY		5050	08S/08E-25A02 M	127.0	10/20/84	12.8	114.2	5050
07S/08E-14D01 M		10/20/84	DRY		5050	08S/08E-25N01 M	130.0	10/20/84	5.4	124.6	5050
07S/08E-14E01 M		04/17/85	NM-9		5050	08S/08E-35R02 M	138.2	10/20/84	6.8	131.4	5050
07S/08E-16A01 M	154.0	11/28/84 04/17/85	83.0 82.0	71.0 72.0	5050	08S/09E-04D01 M	87.0	10/20/84	7.0	80.0	5050
07S/08E-19N01 M	91.4	10/20/84	13.8	77.6	5050	08S/09E-04G01 M	89.0	11/28/84 04/17/85	9.5 11.0	78.5 77.0	5050
07S/08E-22L02 M	127.9	04/17/85	59.9	68.0	5050	08S/09E-04NC1 M	94.3	10/20/84	10.7	83.6	5050
07S/08E-23C02 M	113.7	11/28/84 04/17/85	52.0 NM-1	61.7	5050	08S/09E-04P01 M	90.0	11/28/84 04/17/85	8.0 9.0	82.0 81.0	5050
07S/08E-23R01 M	106.0	03/06/85	28.5	77.5	5515	08S/09E-C5H01 M	90.0	11/28/84 04/17/85	8.0 10.0	82.0 80.0	5050
07S/08E-24D01 M		10/20/84	DRY		5050	08S/09E-06A01 M	94.0	10/20/84	7.1	88.9	5050
07S/08E-26A01 M		10/20/84	DRY		5050	08S/09E-06NC1 M	111.7	10/20/84	8.6	103.1	5050
07S/08E-35E01 M	122.0	11/28/84 04/17/85	29.5 NM-1	92.5	5050	08S/09E-06R01 M	104.4	10/20/84	9.1	95.3	5050
07S/08E-36D01 M	105.2	10/20/84	11.0	94.2	5050	08S/09E-07N01 M	125.5	10/20/84	15.0	110.5	5050
07S/09E-04R03 M	65.0	11/28/84 04/17/85	12.2 13.0	52.8 52.0	5050	08S/09E-07R01 M	109.8	10/20/84	9.2	100.6	5050
B-06.B	LOS BANOS HA					08S/09E-08E01 M	105.0	11/28/84 04/17/85	8.5 10.0	96.5 95.0	5050
06S/08E-13D02 M	73.6	10/20/84	11.9	61.7	5050	08S/09E-C9A02 M	82.0	11/28/84 04/17/85	7.0 NM-7	75.0	5050
06S/08E-14N01 M	94.8	10/20/84	7.2	87.6	5050	08S/09E-09A03 M	79.0	10/20/84	4.4	74.4	5050
06S/08E-21A02 M	114.7	10/20/84	9.3	105.4	5050	08S/09E-10E01 M	79.5	04/17/85	4.8	74.7	5050
06S/08E-23R01 M	88.4	10/20/84	14.8	73.6	5050	08S/09E-11C01 M	71.6	12/06/84 04/18/85	2.1 4.6	69.5 67.0	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-06 8-06.8	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA					B 8-06 8-06.8	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA				
08S/09E-11H01 M		04/18/85	NM-2		5050	09S/09E-06R02 M	132.0	11/28/84 04/17/85	14.0 19.0	118.0 113.0	5050
08S/09E-13E01 M	75.0	12/06/84 04/18/85	1.3 3.2	73.7 71.8	5050	09S/09E-07J01 M	135.0	11/28/84 04/17/85	17.5 20.5	117.5 114.5	5050
08S/09E-14R01 M	75.0	11/28/84 04/18/85	2.0 3.5	73.0 71.5	5050	09S/09E-08D01 M	129.2	10/20/84	13.4	115.8	5050
08S/09E-15D01 M	84.0	10/20/84	3.5	80.5	5050	09S/09E-08N01 M	130.7	10/20/84	10.7	120.0	5050
08S/09E-15R01 M	75.4	10/20/84	1.6	73.8	5050	09S/09E-09D01 M	105.0	10/20/84	5.4	99.6	5050
08S/09E-16N01 M	100.5	10/20/84	9.8	90.7	5050	09S/09E-09G01 M		04/17/85	NM-9		5050
08S/09E-18N01 M	127.0	10/20/84	13.3	113.7	5050	09S/09E-09N01 M	110.0	10/20/84	1.9	108.1	5050
08S/09E-18R01 M	100.0	10/20/84	8.8	91.2	5050	09S/09E-10N01 M	95.0	10/20/84	3.0	92.0	5050
08S/09E-21A01 M	87.4	11/28/84 04/18/85	4.4 NM-7	83.0	5050	09S/09E-10P01 M	90.4	10/20/84	1.8	88.6	5050
08S/09E-21A02 M	85.0	10/20/84	4.8	80.2	5050	09S/09E-14N01 M		04/17/85	NM-9		5050
08S/09E-21N01 M	100.0	11/28/84 04/18/85	9.0 10.0	91.0 90.0	5050	09S/09E-16R01 M	103.0	11/28/84 04/17/85	3.8 4.2	99.2 98.8	5050
08S/09E-21N02 M	98.6	10/20/84	9.4	89.2	5050	09S/09E-19N01 M	153.6	11/28/84 04/17/85	23.2 20.2	130.4 133.4	5050
08S/09E-22H01 M	84.4	11/28/84 04/18/85	5.3 5.6	79.1 78.8	5050	09S/09E-20A01 M	114.5	10/20/84	4.2	110.3	5050
08S/09E-22N03 M	85.6	10/20/84	6.1	79.5	5050	09S/09E-20D01 M	135.0	10/20/84	8.1	126.9	5050
08S/09E-26H01 M	75.0	12/06/84 04/18/85	3.4 NM-7	71.6	5050	09S/09E-21F01 M	113.0	03/06/85 04/17/85	.0 NM-1	113.0	5515 5050
08S/09E-26H02 M	75.0	12/06/84 04/18/85	1.1 NM-7	73.9	5050	09S/09E-23L01 M	100.0	12/06/84 04/18/85	10.4 8.4	89.6 91.6	5050
08S/09E-26H03 M	75.0	12/06/84 04/18/85	1.0 3.0	74.0 72.0	5050	09S/09E-23L02 M	100.0	12/06/84 04/18/85	4.0 8.0	96.0 94.0	5050
08S/09E-27Q02 M	84.0	10/20/84	3.3	80.7	5050	09S/09E-23L03 M	100.0	12/06/84 04/18/85	3.4 4.4	96.6 95.6	5050
08S/09E-30N02 M	123.0	10/20/84	10.9	112.1	5050	09S/09E-24A01 M	85.2	04/17/85	.2	85.0	5050
08S/09E-30R03 M	100.8	10/20/84	5.7	94.1	5050	09S/09E-26R01 M	97.0	11/28/84 04/17/85	8.1 6.5	88.9 90.5	5050
08S/09E-31P01 M	130.0	12/06/84 04/18/85	44.0 44.0	86.0 86.0	5050	09S/09E-28D01 M	119.9	11/28/84 04/17/85	6.2 5.2	113.7 114.7	5050
08S/09E-31P02 M	130.0	12/06/84 04/18/85	33.0 34.0	97.0 96.0	5050	09S/09E-30J01 M	148.0	11/28/84 04/17/85	10.7 8.7	137.3 139.3	5050
08S/09E-32N01 M	119.9	10/20/84	9.5	110.4	5050	09S/09E-31A01 M	149.0	11/28/84 04/17/85	14.5 15.5	134.5 133.5	5050
08S/09E-33A01 M	90.0	10/20/84	3.4	86.6	5050	09S/09E-33P02 M		10/17/84	DRY		5050
08S/09E-33N01 M	102.2	10/20/84	4.2	98.0	5050	09S/09E-34N01 M	113.4	10/17/84	12.6	100.8	5050
08S/09E-34P01 M	90.0	10/20/84	2.2	87.8	5050	09S/09E-36E01 M	95.0	12/06/84 04/17/85	3.0 2.0	92.0 93.0	5050
08S/09E-36L01 M	77.0	12/06/84 04/18/85	1.0 NM-9	76.0	5050	09S/10E-09R01 M		04/17/85	NM-9		5050
08S/09E-36L02 M	77.0	12/06/84 04/18/85	1.5 NM-9	75.5	5050	09S/10E-16F01 M	82.8	11/28/84 04/17/85	1.5 1.7	81.3 81.1	5050
08S/10E-17N02 M	75.0	11/28/84	.5	74.5	5050	09S/10E-23J01 M	87.0	11/28/84 04/17/85	37.5 29.5	49.5 57.5	5050
08S/10E-21L01 M		04/18/85	NM-7		5050	09S/10E-29P01 M	94.1	10/17/84	3.2	90.9	5050
08S/10E-21L02 M		04/18/85	NM-7		5050	09S/10E-31R01 M	100.7	10/17/84	3.2	97.5	5050
08S/10E-21L03 M		04/18/85	NM-7		5050	09S/10E-33D01 M	93.0	10/17/84	4.5	88.5	5050
08S/10E-21L04 M		04/18/85	NM-7		5050	09S/10E-33P01 M	101.0	10/17/84	6.4	94.6	5050
08S/10E-29D01 M	74.0	12/06/84 04/18/85	2.5 3.5	71.5 70.5	5050	09S/10E-34R01 M	97.0	12/06/84 04/17/85	9.8 17.8	87.2 79.2	5050
08S/10E-30E01 M	77.0	12/06/84 04/18/85	1.6 2.5	75.4 74.5	5050	09S/10E-36N02 M	94.9	12/06/84 04/17/85	9.5 13.5	85.4 81.4	5050
08S/10E-35K01 M	82.6	12/06/84	3.3	79.3	5050	09S/10E-36R02 M	90.0	11/28/84 04/17/85	5.0 NM-5	85.0	5050
09S/08E-01A01 M	135.0	10/20/84	14.9	120.1	5050	09S/11E-25H01 M	95.0	11/01/84	6.0	89.0	5531
09S/08E-01D01 M	141.6	11/28/84 04/17/85	9.2 7.2	132.4 134.4	5050	09S/11E-25J01 M	95.0	11/01/84	8.0	87.0	5531
09S/08E-12H01 M	162.5	11/28/84 04/17/85	38.0 37.0	124.5 125.5	5050	09S/11E-26P02 M	95.0	12/06/84 04/17/85	8.0 8.0	87.0 87.0	5050
09S/08E-24A01 M	157.0	11/28/84 04/17/85	16.0 13.0	141.0 144.0	5050	09S/11E-32H01 M	87.5	12/06/84 04/17/85	7.2 5.8	80.3 81.7	5050
09S/09E-03C01 M	88.5	11/28/84 04/17/85	26.5 NM-1	62.0	5050	09S/11E-34P01 M	95.0	11/02/84	10.0	85.0	5531
09S/09E-03N01 M	93.0	10/20/84	6.3	86.7	5050	09S/12E-17H01 M	90.0	10/23/84 12/13/84	4.0 8.0	86.0 82.0	5050
09S/09E-03D01 M	86.0	10/20/84	1.2	84.8	5050	09S/12E-21J01 M	100.0	11/05/84	9.0	91.0	5531
09S/09E-05R01 M	112.0	03/06/85	4.5	107.5	5515	09S/12E-24A01 M	101.0	10/23/84 12/13/84	6.5 4.5	94.5 96.5	5050
09S/09E-06D02 M	139.8	11/28/84 04/17/85	16.0 15.0	123.8 124.8	5050						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-06 8-06.5	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA					8 8-06 8-06.8	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA				
09S/12E-31001 M	98.0	04/17/85	7.5	90.5	5050	10S/10E-28R01 M		10/17/84	DRY		5050
09S/12E-32N01 M	98.0	11/02/84	8.0	90.0	5531	10S/10E-29A01 M	146.0	04/16/85	20.3	125.7	5050
09S/12E-34J01 M	102.0	11/06/84	9.0	93.0	5531	10S/10E-29001 M		10/17/84	DRY		5050
10S/09E-01801 M	100.0	11/28/84 04/16/85	3.4 6.4	96.6 93.6	5050	10S/10E-30001 M	152.8	11/27/84 04/16/85	22.9 26.9	129.9 125.9	5050
10S/09E-01R01 M	108.0	11/28/84 04/16/85	4.7 4.8	103.3 103.2	5050	10S/10E-32N01 M	189.5	11/27/84 04/16/85	109.0 108.0(9)	80.5 81.5	5050
10S/09E-04F01 M	131.9	11/28/84 04/16/85	16.5 19.0	115.4 112.9	5050	10S/10E-36801 M	120.0	03/05/85	13.5(5)	106.5	5515
10S/09E-04P01 M		10/17/84	DRY		5050	10S/10E-36001 M	123.5	11/27/84 04/16/85	7.0 5.0	116.5 118.5	5050
10S/09E-10R01 M	113.8	10/17/84	4.0	109.8	5050	10S/11E-03J01 M	95.0	12/06/84 04/18/85	7.0 9.0	88.0 86.0	5050
10S/09E-10E01 M	144.1	10/17/84	6.7	137.4	5050	10S/11E-06P01 M	96.0	04/18/85	9.5	86.5	5050
10S/09E-10H02 M	121.0	11/28/84 04/16/85	13.4 12.4	107.6 108.6	5050	10S/11E-12J02 M	100.0	04/18/85	9.0	91.0	5050
10S/09E-11N01 M		10/17/84	DRY		5050	10S/11E-13H01 M	100.5	11/05/84	9.0	91.5	5531
10S/09E-11R01 M	114.1	10/17/84	4.5	109.6	5050	10S/11E-27E02 M		04/18/85	NM-9		5050
10S/09E-12J01 M	115.8	10/17/84	7.7	108.1	5050	10S/11E-29E03 M	105.0	10/17/84	3.4	101.6	5050
10S/09E-14H01 M	141.2	11/28/84 04/16/85	25.4 11.2(0)	115.8 130.0	5050	10S/11E-30001 M	112.0	11/27/84 04/16/85	12.0 13.0	100.0 99.0	5050
10S/09E-24C01 M	132.8	11/28/84 04/16/85	9.5 7.5	123.3 125.3	5050	10S/11E-31F01 M	110.1	11/27/84 04/16/85	3.7 1.5	106.4 108.6	5050
10S/10E-02A01 M		10/17/84	DRY		5050	10S/11E-31K01 M	108.0	10/17/84	5.0	103.0	5050
10S/10E-02R02 M		10/17/84	DRY		5050	10S/11E-32N01 M	104.0	11/27/84 04/16/85	3.9 3.6	102.1 102.4	5050
10S/10E-03C02 M	97.1	10/17/84	7.6	89.5	5050	10S/11E-36A01 M	103.6	10/17/84	7.2	96.4	5050
10S/10E-04Q01 M	105.0	10/17/84	7.9	97.1	5050	10S/12E-01A01 M	105.0	10/20/84	5.9	99.1	5050
10S/10E-05P01 M	111.0	11/28/84 04/17/85	9.0 6.0	102.0 105.0	5050	10S/12E-01P02 M	106.0	11/06/84	8.0	98.0	5531
10S/10E-06J01 M	105.0	10/17/84	6.0	99.0	5050	10S/12E-03R01 M	105.0	11/06/84	10.0	95.0	5531
10S/10E-06N01 M	108.8	10/17/84	5.3	103.5	5050	10S/12E-06F02 M	95.5	11/05/84	9.0	86.5	5531
10S/10E-07Q01 M	118.4	11/28/84 04/17/85	5.0 7.5	113.4 110.9	5050	10S/12E-08A01 M	105.0	11/05/84	10.0	95.0	5531
10S/10E-08A03 M	110.5	10/17/84	4.4	106.1	5050	10S/12E-08F01 M	102.0	11/05/84	11.0	91.0	5531
10S/10E-10001 M	107.8	10/17/84	7.6	109.2	5050	10S/12E-09P01 M	105.0	11/05/84	8.0	97.0	5531
10S/10E-10N01 M	115.0	10/17/84	6.3	108.7	5050	10S/12E-12R01 M	110.0	10/20/84	6.7	103.3	5050
10S/10E-10Q01 M	108.7	10/17/84	7.6	101.1	5050	10S/12E-13L01 M	110.0	11/06/84	6.0	104.0	5531
10S/10E-11002 M		10/17/84	DRY		5050	10S/12E-13R01 M	113.0	10/20/84	9.3	103.7	5050
10S/10E-11Q01 M	108.0	11/28/84 04/17/85	19.0 22.0	89.0 86.0	5050	10S/12E-14N01 M	105.0	11/06/84	10.0	95.0	5531
10S/10E-12Q01 M	103.5	11/28/84 04/17/85	12.5 NM-1	91.0	5050	10S/12E-15K01 M	107.0	11/06/84	9.0	98.0	5531
10S/10E-13003 M	106.2	10/17/84	12.1	94.1	5050	10S/12E-16Q01 M	105.5	11/06/84 12/06/84 04/18/85	NM-4 11.0 9.0	94.5 96.5	5531 5050
10S/10E-16G01 M	120.5	10/17/84	6.9	113.6	5050	10S/12E-17F01 M	101.0	12/06/84 04/18/85	8.0 6.5	93.0 94.5	5050
10S/10E-17L01 M	125.0	10/17/84	5.5	119.5	5050	10S/12E-17J01 M	104.0	11/05/84	8.0	96.0	5531
10S/10E-18G01 M	125.0	10/17/84	9.7	115.3	5050	10S/12E-17H01 M	102.5	11/05/84 12/06/84 04/18/85	8.0 7.0 8.0	94.5 95.5 94.5	5531 5050
10S/10E-18N02 M	122.9	10/17/84	3.1	119.8	5050	10S/12E-20N01 M	103.4	10/17/84	4.8	98.6	5050
10S/10E-19R01 M	130.4	10/17/84	6.0	124.4	5050	10S/12E-21N01 M	106.3	10/17/84	5.4	100.9	5050
10S/10E-19N01 M		10/17/84	DRY		5050	10S/12E-22M01 M		11/05/84	NM-4		5531
10S/10E-19R01 M	138.2	11/27/84 04/16/85	7.0 5.4	131.2 132.8	5050	10S/12E-23N01 M	108.0	10/17/84	6.1	101.9	5050
10S/10E-22H02 M	120.0	10/17/84	11.7	108.3	5050	10S/12E-23R01 M	109.3	10/17/84	5.5	103.8	5050
10S/10E-22N01 M	133.0	11/27/84 04/16/85	6.8 3.8	126.2 129.2	5050	10S/12E-25N01 M	110.0	10/17/84	5.6	104.4	5050
10S/10E-24C01 M	111.0	10/17/84	14.4	96.6	5050	10S/12E-26E01 M	110.0	11/06/84	8.0	102.0	5531
10S/10E-25D01 M	118.2	10/17/84	6.4	111.8	5050	10S/12E-26H01 M	110.0	11/05/84	7.0	103.0	5531
10S/10E-25H01 M	115.0	10/17/84	4.1	110.9	5050	10S/12E-27A01 M	109.0	11/05/84	7.5	101.5	5531
10S/10E-25J02 M	115.5	10/17/84	6.4	109.1	5050	10S/12E-27J01 M	107.0	03/05/85	5.5	101.5	5515
10S/10E-24N01 M	122.4	10/17/84	5.8	114.6	5050	10S/12E-28A02 M	106.6	10/17/84	3.9	102.7	5050
10S/10E-26001 M	127.0	10/17/84	7.6	119.4	5050	10S/12E-28N02 M	105.4	10/17/84	5.1	100.3	5050
10S/10E-26H01 M	135.0	10/17/84	8.7	126.3	5050	10S/12E-34A01 M	109.6	10/17/84	5.7	103.9	5050
10S/10E-28A02 M		10/17/84	NM-6		5050	10S/12E-34001 M	107.0	10/17/84	5.3	101.7	5050
10S/10E-28N02 M		10/17/84	DRY		5050	10S/12E-35K01 M	110.0	03/05/85	1.5	108.5	5515

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-06 8-06.8	SAN JOAQUIN HB DELTA-MENOOTTA CANAL HU LOS BANOS MA					B 8-06 8-06.8		SAN JOAQUIN HB DELTA-MENOOTTA CANAL HU LOS BANOS MA				
10S/12E-36R02 M	113.1	10/17/84	6.0	107.1	5050	11S/11E-23A01 M			04/16/85	NM-9		5050
10S/13E-05J01 M	110.0	10/01/84 02/05/85	7.9 11.1	102.1 98.9	5001	11S/11E-23AG2 M			04/16/85	NM-9		5050
10S/13E-07A01 M	110.0	10/20/84	6.1	103.9	5050	11S/11E-30D01 M		160.0	10/17/84	11.7	148.3	5050
10S/13E-07D01 M	108.3	10/20/84	5.3	103.0	5050	11S/11E-30G02 M			10/17/84	NM-6		5050
10S/13E-09K01 M	115.0	10/01/84 02/05/85	7.7 10.0	107.3 105.0	5001	11S/11E-31E02 M			10/17/84	DRY		5050
10S/13E-19A01 M	112.0	10/20/84	4.3	107.7	5050	11S/11E-31N01 M			10/17/84	DRY		5050
10S/13E-20M01 M	114.2	10/17/84	6.2	108.0	5050	11S/11E-32D01 M		147.1	10/17/84	6.1	141.0	5050
10S/13E-22F02 M	118.0	10/02/84 02/05/85	17.9 14.1	100.1 103.9	5001	11S/12E-02A01 M		112.8	10/17/84	6.7	106.1	5050
10S/13E-22N02 M	116.7	10/17/84	8.7	108.0	5050	11S/12E-02D01 M		100.0	10/17/84	3.8	105.2	5050
10S/13E-28D02 M	116.6	10/17/84	5.2	111.4	5050	11S/12E-03D03 M		106.4	10/17/84	3.5	102.9	5050
10S/13E-28R01 M	120.0	03/14/85	9.0(5)	111.0	5515	11S/12E-04D01 M		109.2	10/17/84	5.2	104.0	5050
10S/13E-30D02 M	111.0	10/17/84	5.4	105.6	5050	11S/12E-04PG2 M		112.0	11/27/84 04/16/85	5.0 1.0	107.0 111.0	5050
10S/13E-30R01 M	112.1	10/17/84	6.3	105.8	5050	11S/12E-05D01 M		105.9	10/17/84	6.2	99.7	5050
10S/13E-31D01 M	111.8	10/17/84	5.2	104.6	5050	11S/12E-06D01 M		104.9	10/17/84	5.9	99.0	5050
10S/13E-32A02 M	114.3	10/17/84	4.9	109.4	5050	11S/12E-07E02 M		108.6	11/27/84 04/16/85	.6 .6	108.0 108.0	5050
10S/13E-33A01 M	118.6	10/17/84	9.9	108.7	5050	11S/12E-08C01 M		108.3	10/17/84	3.8	104.5	5050
10S/13E-34G01 M	121.0	10/02/84 02/05/85	12.4 11.5	108.6 109.5	5001	11S/12E-08P01 M		111.0	11/27/84 04/16/85	2.0 3.0	108.1 108.0	5050
10S/13E-34N01 M	118.0	10/17/84	8.4	109.6	5050	11S/12E-08PG2 M		109.7	10/17/84	4.2	105.5	5050
11S/10E-01D01 M	127.0	10/17/84	7.8	119.2	5050	11S/12E-10A01 M		113.7	10/17/84	6.3	107.4	5050
11S/10E-01E01 M	130.0	11/27/84 04/16/85	1.3 1.3	128.7 128.7	5050	11S/12E-10D01 M		111.5	10/17/84	5.4	106.4	5050
11S/10E-01N02 M	138.9	10/17/84	5.3	133.6	5050	11S/12E-10N01 M		112.4	10/17/84	6.5	105.9	5050
11S/10E-01Q01 M	135.0	10/17/84	5.1	129.9	5050	11S/12E-11A02 M		113.5	10/17/84	5.9	107.7	5050
11S/10E-02D02 M	136.0	10/17/84	7.8	128.2	5050	11S/12E-12A01 M		117.0	10/17/84	6.1	110.9	5050
11S/10E-02N03 M		10/17/84	DRY		5050	11S/12E-12R01 M		115.3	10/17/84	4.9	110.4	5050
11S/10E-03D01 M		10/17/84	DRY		5050	11S/12E-13D02 M		114.2	10/17/84	5.9	108.3	5050
11S/10E-04R01 M	172.8	11/27/84 04/16/85	47.9 50.9	124.9 121.9	5050	11S/12E-15A01 M		119.2	10/17/84	9.5	108.7	5050
11S/10E-11N01 M		10/17/84	DRY		5050	11S/12E-16E01 M		111.0	11/27/84 04/16/85	5.0 5.0	106.0 106.0	5050
11S/10E-12M01 M		10/17/84	NM-6		5050	11S/12E-21A01 M		112.8	10/17/84	3.3	109.5	5050
11S/10E-12N01 M	157.6	10/17/84	12.1	145.5	5050	11S/12E-22N02 M		118.0	10/20/84	3.7	114.3	5050
11S/10E-13L02 M	155.4	10/17/84	10.1	145.3	5050	11S/12E-23D01 M		113.3	10/17/84	5.1	108.2	5050
11S/10E-14N01 M	212.9	11/27/84 04/16/85	59.1(9) 60.1(9)	153.8 152.8	5050	11S/12E-23P02 M		118.0	10/17/84	6.5	111.5	5050
11S/10E-22D01 M	246.8	11/27/84 04/16/85	98.0(9) 97.0(9)	148.8 149.8	5050	11S/12E-23R01 M		120.5	10/17/84	6.1	114.4	5050
11S/10E-23D01 M		10/17/84	DRY		5050	11S/12E-24A01 M		116.8	10/17/84	4.8	112.0	5050
11S/10E-24N01 M	190.4	11/27/84 04/16/85	32.4 33.9	158.0 156.5	5050	11S/12E-24D02 M		117.0	10/17/84	5.4	111.6	5050
11S/10E-25D01 M		10/17/84	DRY		5050	11S/12E-25R01 M		121.1	10/17/84	7.5	113.6	5050
11S/10E-36D02 M		10/17/84	DRY		5050	11S/12E-28R02 M		122.0	10/20/84	3.4	118.6	5050
11S/11E-01M01 M	106.0	11/27/84 04/16/85	-5 -5	106.5 106.5	5050	11S/12E-32L01 M		135.0	11/27/84 04/16/85	13.3 13.5	122.7 122.5	5050
11S/11E-02J01 M		04/16/85	NM-9		5050	11S/12E-34N02 M		128.7	10/20/84	5.0	123.7	5050
11S/11E-02J02 M		04/16/85	NM-9		5050	11S/12E-34R01 M		130.0	10/20/84	5.0	125.0	5050
11S/11E-04N01 M	105.0	11/27/84 04/16/85	2.0 NM-9	103.0	5050	11S/13E-01Q01 M		124.0	10/02/84 02/11/85 09/30/85	7.7 NM-9 NM-4	116.3	5001
11S/11E-06R01 M	113.0	10/17/84	4.7	108.3	5050	11S/13E-02D01 M		120.0	10/17/84	9.9	110.1	5050
11S/11E-06R01 M	110.0	10/17/84	2.0	108.0	5050	11S/13E-03N01 M		120.0	10/17/84	4.0	116.0	5050
11S/11E-07E01 M	124.6	11/27/84 04/16/85	6.2 4.6	118.6 120.2	5050	11S/13E-04D01 M		114.0	10/17/84	5.9	108.1	5050
11S/11E-17EC1 M	122.9	11/27/84 04/16/85	3.1 2.4	119.8 120.5	5050	11S/13E-05M01 M		116.6	10/17/84	6.4	110.4	5050
11S/11E-18D01 M	130.0	10/17/84	7.7	122.3	5050	11S/13E-08D02 M		117.1	10/17/84	5.7	111.4	5050
11S/11E-18P01 M	140.4	10/17/84	6.2	134.2	5050	11S/13E-08N01 M		119.4	10/17/84	6.1	113.3	5050
11S/11E-19R01 M	138.0	11/27/84 04/16/85	10.0 8.0	128.0 130.0	5050	11S/13E-09D01 M		117.6	10/17/84	.5	117.1	5050
11S/11E-19Q02 M	140.6	10/17/84	4.1	136.5	5050	11S/13E-11D03 M		121.7	10/17/84	5.3	116.4	5050
						11S/13E-13R02 M		130.0	10/20/84	5.3	124.7	5050
						11S/13E-14A01 M		124.2	10/17/84	4.6	119.6	5050
						11S/13E-14D01 M		121.6	10/17/84	3.7	117.9	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-06 8-06.8	SAN JOAQUIN HR DELTA-MENDOTA CANAL HU LOS BANOS HA					8 8-06 8-06.8	SAN JOAQUIN HR DELTA-MENDOTA CANAL HU LOS BANOS HA				
11S/13E-16A02 M	120.1	10/17/84	5.9	114.2	5050	12S/12E-08R01 M	167.2	03/26/85	148.8	18.4	5001
11S/13E-16D02 M	120.0	03/05/85	4.5	115.5	5515	12S/12E-10N01 M	165.3	10/10/84 03/26/85	15.8 14.9	149.5 150.4	5001
11S/13E-17A01 M	119.1	10/17/84	6.0	113.1	5050	12S/12E-10N02 M	166.0	10/10/84 03/26/85	38.6 41.4	127.4 124.6	5001
11S/13E-17E01 M	120.0	03/05/85	5.0	115.0	5515	12S/12E-11A01 M	144.0	10/05/84 03/26/85	NM-9 1.4		5001
11S/13E-17L01 M	120.0	03/05/85	6.0	114.0	5515	12S/12E-11M01 M	149.0	10/05/84 03/26/85	23.7 34.1	125.3 114.9	5001
11S/13E-17N02 M	117.8	10/17/84	3.5	114.3	5050	12S/12E-11N01 M	156.0	10/05/84 03/26/85	44.1 42.0	111.9 114.0	5001
11S/13E-17R01 M	122.0	03/05/85	8.0	114.0	5515	12S/12E-16A01 M	161.0	10/05/84 03/26/85	7.3 6.1	153.7 154.9	5001
11S/13E-20M01 M	114.2	10/17/84	6.1	108.1	5050	12S/12E-19E01 M	203.0	10/11/84 03/28/85	8.4 5.4	194.6 197.6	5001
11S/13E-21A01 M	121.1	10/17/84	3.7	117.4	5050	12S/12E-19N02 M	220.5	10/10/84 03/27/85	209.7 231.6	10.8 -11.1	5001
11S/13E-21001 M	119.4	10/17/84	6.8	112.6	5050	12S/12E-21J01 M		10/10/84 03/27/85	DRY DRY		5001
11S/13E-21M01 M	120.0	03/05/85	8.0	112.0	5515	12S/12E-25J01 M		10/10/84 03/27/85	DRY DRY		5001
11S/13E-22N01 M	123.5	10/17/84	5.5	118.0	5050	12S/12E-25N02 M	182.5	10/10/84 03/27/85	5.9 5.8	176.6 176.7	5001
11S/13E-23A01 M	126.8	10/17/84	6.4	120.4	5050	12S/12E-25R02 M	189.0	10/03/84	7.8	181.2	5001
11S/13E-23001 M	123.2	10/17/84	5.3	117.9	5050	12S/12E-30M01 M	237.5	10/10/84 03/27/85	264.3 291.3	-26.8 -43.8	5001
11S/13E-23M01 M	125.0	03/13/85	7.5	117.5	5515	12S/13E-01R01 M	135.0	03/13/85	10.0(5)	125.0	5515
11S/13E-23R01 M	127.7	10/17/84	13.9	113.8	5050	12S/13E-02A01 M	130.0	03/13/85	5.5	124.5	5515
11S/13E-25A01 M	130.0	10/20/84	8.2	121.8	5050	12S/13E-02R01 M	130.0	03/13/85	6.0	124.0	5515
11S/13E-25N01 M	129.0	10/17/84	9.9	119.1	5050	12S/13E-03N02 M	134.8	10/20/84	7.7	127.1	5050
11S/13E-26002 M	123.4	10/17/84	5.5	117.9	5050	12S/13E-03P01 M	136.0	10/20/84	9.0	127.0	5050
11S/13E-26F01 M	125.0	03/13/85	7.0	118.0	5515	12S/13E-05R02 M	140.0	10/20/84	4.6	135.4	5050
11S/13E-27R02 M	125.0	10/17/84	7.8	117.2	5050	12S/13E-07N01 M	152.0	10/03/84 03/25/85	20.4 27.0	131.6 125.0	5001
11S/13E-28R01 M	125.0	03/05/85	10.0	115.0	5515	12S/13E-08R01 M	150.0	10/20/84	4.9	145.1	5050
11S/13E-28R02 M	124.7	10/17/84	8.0	116.7	5050	12S/13E-11A01 M	130.0	10/20/84	6.1	123.9	5050
11S/13E-29R01 M	125.0	10/17/84	8.3	116.7	5050	12S/13E-12P01 M	135.8	10/20/84	5.5	130.3	5050
11S/13E-30D01 M	119.5	10/17/84	3.5	116.0	5050	12S/13E-13001 M	140.0	10/20/84	3.7	136.3	5050
11S/13E-30002 M	124.2	10/20/84	7.0	117.2	5050	12S/13E-14N01 M	150.0	10/03/84 03/25/85	15.6 21.8	134.4 128.2	5001
11S/13E-31J01 M	127.0	10/20/84	4.8	122.2	5050	12S/13E-19K01 M	173.0	10/03/84 03/25/85	48.4 52.1	124.6 120.9	5001
11S/13E-33R02 M	128.6	10/20/84	8.2	120.4	5050	12S/13E-32R01 M	193.0	10/03/84 03/25/85	5.4 3.4	187.6 189.6	5001
11S/13E-34C01 M	125.0	03/05/85	6.0(8)	119.0	5515	12S/14E-04N01 M	141.0	03/13/85	11.0	130.0	5515
11S/13E-34E01 M	125.0	03/05/85	5.0	120.0	5515	12S/14E-07A01 M	138.0	10/20/84	7.0	131.0	5050
11S/13E-34J02 M	128.1	10/20/84	7.2	120.9	5050	12S/14E-07D02 M	135.4	10/20/84	5.1	130.3	5050
11S/13E-35G02 M	128.0	03/13/85	12.0(5)	116.0	5515	12S/14E-07K01 M	136.0	03/13/85	7.0(5)	129.0	5515
11S/13E-35J01 M	128.0	03/13/85	16.0(8)	112.0	5515	12S/14E-08R01 M	140.0	10/03/84 02/07/85	10.5 15.8	129.5 124.2	5001
11S/13E-36G01 M	135.0	03/13/85	5.0	130.0	5515	12S/14E-17D01 M	137.6	10/20/84	8.4	129.2	5050
11S/13E-36M02 M	127.0	10/20/84	5.3	121.7	5050	12S/14E-17L01 M	140.0	03/13/85	12.5(8)	127.5	5515
11S/13E-36Q01 M	135.0	03/13/85	8.5(5)	126.5	5515	12S/14E-17N01 M	139.5	10/20/84	8.2	131.3	5050
11S/13E-36R01 M	133.0	10/20/84	6.2	126.8	5050	12S/14E-18M02 M	140.0	10/20/84	10.1	129.9	5050
11S/14E-31001 M	132.0	10/20/84	7.5	124.5	5050	12S/14E-20K01 M	145.0	03/13/85	15.0(5)	130.0	5515
11S/14E-31R01 M	135.0	10/20/84	8.8	126.2	5050	12S/14E-20001 M	143.0	10/20/84	10.8	132.2	5050
12S/11E-10Q01 M	185.0	10/09/84 03/26/85	184.6 187.4	.4 -2.4	5001	12S/14E-20R01 M	148.0	03/13/85	11.0(5)	137.0	5515
12S/11E-12001 M	169.0	10/09/84 03/26/85	178.4 181.2	-9.4 -12.2	5001	12S/14E-31A01 M	157.9	10/04/84 03/25/85	DRY 5.0		5001
12S/11E-13002 M	182.0	10/10/84 03/26/85	187.0 219.1	-5.0 -37.1	5001	12S/14F-33001 M	150.0	03/14/85	9.0	141.0	5515
12S/11E-14001 M	184.0	10/10/84 03/28/85	184.0 189.0	.0 -5.0	5001	12S/14E-34J03 M	150.0	10/03/84 02/07/85 09/30/85	10.8 11.5 10.5	139.2 138.5 139.5	5001
12S/11E-23E01 M	210.7	10/05/84 03/26/85	6.3 6.6	204.4 204.1	5001	13S/12E-02001 M	211.0	12/29/84	136.0	75.0	5646
12S/12E-01N01 M	145.5	10/05/84 03/26/85	13.6 14.4	131.9 131.1	5001	13S/12E-05001 M	258.0	10/10/84	303.8	-45.8	5001
12S/12E-03R02 M	147.0	10/05/84 03/26/85	33.2 36.4	113.8 110.6	5001						
12S/12E-06001 M	149.9	10/05/84 03/26/85	6.8 6.3	143.1 143.6	5001						
12S/12E-06M01 M	147.0	10/05/84 03/26/85	11.6 13.1	135.4 133.9	5001						
12S/12E-08A01 M	147.0	10/09/84 03/26/85	4.6 4.0	142.4 143.0	5001						
12S/12E-08R01 M	167.2	10/10/84	145.8	21.4	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-06 8-06.B	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA					8 8-06 8-06.B	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA					
13S/12E-05D01 M	258.0	03/28/85	305.8	-47.8	5001	13S/15E-19R01 M		195.0	10/04/84 02/07/85	10.8 15.3	144.2 139.7	5001
13S/12E-09M01 M	238.0	12/28/84	230.5	7.5	5646	14S/12E-01001 M		330.0	12/28/84	314.0	16.0	5646
13S/12E-12P01 M	232.0	12/28/84	212.5	19.5	5646	14S/12E-02M01 M		325.0	12/28/84	331.0	-6.0	5646
13S/12E-26M01 M	285.0	12/28/84	273.0	12.0	5646	14S/12E-02R01 M		334.0	12/28/84	344.0	-10.0	5646
13S/12E-35N02 M		12/28/84	NM-4		5646	14S/12E-02R02 M		333.0	12/28/84	292.0	81.0	5646
13S/12E-35Q02 M	315.0	12/28/84	324.0	-9.0	5646	14S/12E-11F02 M		347.0	01/02/85	369.0	-22.0	5646
13S/12E-36D04 M		10/03/84	DRY		5001	14S/12E-12J01 M			10/03/84	DRY		5001
13S/12E-36M01 M	292.0	12/28/84	73.0	219.0	5646	14S/12E-25A01 M			01/02/85	NM-9		5646
13S/13E-06R01 M	209.5	10/03/84 03/25/85	7.2 5.8	202.3 203.7	5001	14S/12E-25D01 M		394.0	01/02/85	419.0	-25.0	5646
13S/13E-10R01 M	211.0	10/03/84 03/25/85	117.7 117.0	93.3 94.0	5001	14S/12E-25001 M		409.0	01/02/85	429.0	-20.0	5646
13S/13E-12R02 M	183.0	10/04/84 03/25/85	2.4 4.8	180.6 178.2	5001	14S/12E-26M01 M			10/12/84	DRY		5001
13S/13E-16E01 M	227.0	10/03/84 03/25/85	196.9 205.3	30.1 21.7	5001	14S/12E-35J01 M		433.0	01/02/85	459.0	-26.0	5646
13S/13E-20N01 M	254.0	12/28/84	227.3	26.7	5646	14S/12E-35L01 M		443.0	01/02/85	480.0	-37.0	5646
13S/13E-20Q04 M		12/28/84	NM-4		5646	14S/13E-01G02 M			12/26/84	NM-6		5646
13S/13E-25N04 M	9999.8	12/28/84	(2)		5646	14S/13E-04N02 M			12/26/84	NM-4		5646
13S/13E-26M01 M		01/02/85	NM-1		5646	14S/13E-05N02 M		313.0	12/26/84	100.5	212.5	5646
13S/13E-26N03 M	246.0	10/04/84 01/02/85 03/25/85	268.9 180.0 NM-1	-22.9 66.0 5001	5001 5646 5001	14S/13E-06P02 M		321.0	12/26/84	239.0	82.0	5646
13S/13E-26N05 M	247.0	01/02/85	191.0	56.0	5646	14S/13E-07E02 M		336.0	12/26/84	186.0	150.0	5646
13S/13E-26Q01 M		12/28/84	NM-1		5646	14S/13E-07E03 M		326.0	12/26/84	324.0	2.0	5646
13S/13E-29N01 M	272.0	01/02/85	216.0	56.0	5646	14S/13E-07G01 M		331.0	01/03/85	114.0	217.0	5646
13S/13E-30Q01 M	265.0	10/03/84	31.8	233.2	5001	14S/13E-07N02 M		342.0	12/26/84	191.0	151.0	5646
13S/13E-31M03 M	292.0	12/28/84	160.0	132.0	5646	14S/13E-09E01 M		312.0	12/07/84	118.0	194.0	5646
13S/13E-31Q01 M	299.0	12/28/84	290.0	9.0	5646	14S/13E-11R01 M		279.0	12/26/84	216.0	63.0	5646
13S/13E-36F02 M	242.5	01/03/85	121.0(8)	121.5	5646	14S/13E-12P01 M		273.0	12/26/84	187.5	85.5	5646
13S/13E-36M01 M	247.0	12/28/84	117.0	130.0	5646	14S/13E-13G01 M		274.0	12/26/84	221.0	53.0	5646
13S/13E-36P02 M	250.0	01/03/85	138.0	112.0	5646	14S/13E-15M01 M		321.0	01/03/85	285.0	36.0	5646
13S/14E-02M02 M	150.0	03/14/85	9.0	141.0	5515	14S/13E-18E01 M		352.0	01/02/85	370.5	-18.5	5646
13S/14E-02P02 M	150.0	03/14/85	9.0	141.0	5515	14S/13E-18Q01 M		356.0	01/02/85	362.0	-6.0	5646
13S/14E-03C02 M	150.0	03/14/85	12.0(8)	138.0	5515	14S/13E-19N03 M		379.0	01/02/85	397.5	-18.5	5646
13S/14E-03G01 M	151.6	10/04/84 03/25/85	12.1 15.7	139.5 135.9	5001	14S/13E-19R01 M		370.0	12/26/84	373.0	-3.0	5646
13S/14E-04Q01 M	163.0	10/04/84 03/25/85	6.7 5.1	156.3 157.9	5001	14S/13E-20L02 M		358.0	01/02/85	363.0	-5.0	5646
13S/14E-11A01 M	150.0	03/14/85	6.5	143.5	5515	14S/13E-21001 M		343.0	12/07/84	143.5	199.5	5646
13S/14E-12B02 M	150.0	03/14/85	21.0(8)	129.0	5515	14S/13E-22A01 M		311.0	12/26/84	262.0	49.0	5646
13S/14E-12E01 M	150.0	03/14/85	9.5	140.5	5515	14S/13E-22Q01 M			12/26/84	NM-2		5646
13S/14E-12L01 M	165.0	03/14/85	21.0(8)	144.0	5515	14S/13E-23E02 M		317.0	12/26/84	106.0	211.0	5646
13S/14E-13B02 M	153.0	03/14/85	10.0	143.0	5515	14S/13E-24N01 M			12/26/84	NM-4		5646
13S/14E-15R01 M	161.0	10/04/84 03/25/85	7.5 9.0	153.5 152.0	5001	14S/13E-25E01 M		308.0	12/26/84	290.5	17.5	5646
13S/14E-17N02 M	196.0	10/04/84 03/25/85	14.7 16.6	181.3 179.4	5001	14S/13E-26D01 M		324.0	12/26/84	250.0	74.0	5646
13S/14E-17N04 M		10/04/84 03/25/85	NM-6 114.0		5001	14S/13E-26E02 M		326.0	12/26/84	303.0	23.0	5646
13S/14E-24A01 M	158.0	03/14/85	9.0	149.0	5515	14S/13E-26M02 M		327.0	12/26/84	297.0	30.0	5646
13S/14E-27D01 M	190.1	10/04/84 03/25/85	7.5 5.4	182.6 184.7	5001	14S/13E-28001 M			12/07/84	NM-4		5646
13S/14E-28L01 M	198.0	12/14/84	53.0	145.0	5646	14S/13E-28M01 M		373.0	12/07/84	340.0	33.0	5646
13S/14E-28M01 M	206.0	12/14/84	54.0	152.0	5646	14S/13E-29R01 M		373.0	12/07/84	371.0	2.0	5646
13S/14E-33F01 M	207.0	12/14/84	56.0	151.0	5646	14S/13E-30M01 M		379.0	12/27/84	409.0	-30.0	5646
13S/14E-33M01 M	212.0	12/14/84	44.0	168.0	5646	14S/13E-30N02 M			10/12/84	DRY		5001
13S/15E-18J01 M		10/10/84 02/12/85	NM-9 NM-9		5001	14S/13E-30N04 M		396.0	10/12/84	195.1	200.9	5001
13S/15E-18M01 M	155.0	03/25/85	16.7	138.3	5001	14S/13E-32D01 M		387.0	01/03/85	396.0	-9.0	5646
13S/15E-19L01 M	159.6	10/04/84 03/25/85	9.2 4.5	150.4 151.1	5001	14S/14E-01E01 M		184.0	12/14/84	40.8	143.2	5646
						14S/14E-02G02 M		189.0	12/14/84	40.0	149.0	5646
						14S/14E-02N02 M		199.0	12/14/84	132.0	67.0	5646
						14S/14E-03Q01 M		206.0	12/14/84	56.0	150.0	5646
						14S/14E-05E03 M			12/14/84	NM-4		5646
						14S/14E-06M01 M			12/14/84	NM-2		5646
						14S/14E-09E04 M		230.5	12/14/84	163.5	67.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-06 8-06.B	SAN JOAQUIN HB DELTA-MENDOTA CANAL HU LOS BANOS HA					8 8-08 8-08.A	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MANTECA HA					
145/14E-18N02 M	282.0	12/14/84	127.5	154.5	5646	01S/06E-01C02 M		19.0	10/11/84 03/12/85	21.5 20.5	-2.5 -1.5	5110
195/12E-01801 M	427.0	12/13/84	471.0	-44.0	5646	01S/06E-02D04 M		15.0	10/17/84 03/13/85	20.7 18.3	-5.7 -3.3	5050
195/12E-01N02 M	455.0	12/13/84	493.0	-38.0	5646	01S/06E-02G02 M		16.0	03/13/85	19.0	-3.0	5050
195/12E-01R01 M	448.0	12/13/84	467.0	-19.0	5646	01S/06E-12P01 M		21.0	03/14/85	17.4	3.6	5050
195/12E-02A01 M	440.0	10/12/84	210.5	229.5	5001	01S/06E-26K01 M		17.0	10/17/84 03/14/85	11.0 10.1	6.0 6.9	5050
195/12E-03R01 M		10/12/84	DRY		5001	01S/06E-36C01 M		23.0	12/21/84 03/14/85	13.8 13.5	9.2 9.5	5050
195/12E-09C01 M		10/12/84	DRY		5001							
195/13E-06J01 M	417.0	12/13/84	426.0	-9.0	5646	01S/07E-17N02 M		30.0	03/14/85	17.8	12.2	5050
						01S/07E-18L01 M		25.0	03/14/85	16.4	8.6	5050
						01S/07E-21G01 M		44.0	10/17/84 03/14/85	21.1 24.0	22.9 20.0	5050
						01S/07E-25R01 M		56.0	10/25/84 03/14/85	32.5 33.2	23.5 22.8	5050
						01S/07E-28D01 M		34.0	03/14/85	13.5	20.5	5050
						01S/07E-30R01 M		28.0	12/21/84 03/14/85	9.4 9.7	18.6 18.3	5050
						01S/07E-33H01 M		40.0	10/17/84 03/14/85	14.3 15.3	25.7 24.7	5050
						01S/07E-35P01 M			10/11/84 03/12/85	NM-4 NM-4		5110
						01S/07E-36O01 M		51.0	10/17/84 03/14/85	22.6 25.4	28.4 25.8	5050
						01S/08E-25Q01 M		90.5	10/10/84 03/15/85	63.6 59.6	26.9 30.9	5110
						01S/08E-27A01 M		75.0	10/25/84 03/15/85	65.5 61.8	9.5 13.2	5050
						01S/08E-34Q01 M		77.0	10/17/84 03/18/85	47.6 45.6	29.4 31.4	5050
						01S/08E-35R02 M		88.0	10/25/84 03/18/85	51.4 49.5	36.6 38.5	5050
						01S/09E-29M02 M		103.0	10/11/84 03/15/85	67.5(4) 65.5(4)	35.5 37.5	5110
						01S/09E-33J02 M		125.0	10/25/84 03/18/85	59.8 59.8	65.2 65.2	5050
						01S/09E-33P01 M		119.0	10/17/84 03/18/85	59.6 59.1	59.4 59.9	5050
						01S/09E-34A01 M		135.0	10/11/84 03/15/85	65.5 64.5	69.5 70.5	5110
						02S/06E-02H01 M		20.0	03/14/85	9.9	10.1	5050
						02S/06E-02P01 M		15.0	10/11/84 03/12/85	12.5(8) 7.5(8)	2.5 7.5	5110
						02S/06E-10J01 M		15.0	10/11/84 03/12/85	26.0 24.0	-11.0 -9.0	5110
						02S/06E-11J01 M		20.0	10/17/84 03/14/85	10.0 8.8	10.0 11.2	5050
						02S/07E-07001 M		28.0	03/14/85	3.1	24.9	5050
						02S/07E-08R01 M		36.9	03/14/85	9.8	27.1	5050
						02S/07E-10801 M		46.0	03/14/85	18.5	27.5	5050
						02S/07E-12G01 M		54.0	03/14/85	17.9	38.1	5050
						02S/07E-12R01 M		55.0	10/17/84 01/24/85 02/22/85 03/25/85 04/25/85 05/24/85 06/24/85 07/25/85 08/23/85 09/23/85	18.7 19.0 18.9 20.3 19.4 19.6 20.5 20.1 19.8 19.5	36.3 36.0 36.1 34.7 35.6 35.4 34.5 34.9 35.2 35.5	5050
						02S/07E-12R02 M		54.0	10/17/84 01/24/85 02/22/85 03/25/85 04/25/85 05/24/85 06/24/85 07/25/85 08/23/85 09/23/85	16.6 16.4 18.5 16.4 16.6 16.9 17.3 17.7 17.9 17.5	38.4 38.6 38.5 38.6 38.4 38.1 37.7 37.3 37.1 37.5	5050
						02S/07E-20R02 M		32.0	03/14/85	8.3	23.7	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B B-08 B-08.A	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MANTECA HA					B B-08 B-08.C	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU RIVERBANK HA				
02S/07E-22J01 M		03/14/85	NM-3		5050	03S/07E-25P01 M	44.0	11/00/84 02/00/85	8.4 11.7	35.6 32.3	5521
02S/07E-22N02 M	41.0	10/17/84 03/14/85	13.3 12.0	27.7 29.0	5050	03S/07E-36C01 M	43.0	11/00/84 02/00/85	8.0 7.0	35.0 36.0	5521
02S/07E-24R02 M	56.0	03/14/85	16.8	39.2	5050	03S/08E-02M01 M	75.0	11/00/84 02/00/85	23.6 25.6	51.4 49.4	5521
02S/08E-09J01 M	73.0	03/18/85	26.9	46.1	5050	03S/08E-03N01 M	69.0	11/00/84 02/00/85	16.0 15.8	49.0 49.2	5521
02S/08E-12001 M	86.0	10/17/84 03/18/85	35.6 37.0	50.4 49.0	5050	03S/08E-04L01 M		11/00/84 02/00/85	NM-7 NM-7		5521
02S/08E-14E01 M	79.0	03/18/85	26.7	50.3	5050	03S/08E-04M01 M	58.5	11/00/84 02/00/85	17.6 16.3	40.9 42.2	5521
02S/08E-17N01 M	64.0	03/14/85	21.6	42.4	5050	03S/08E-06N01 M	48.8	11/00/84 02/00/85	14.5 13.3	34.3 35.5	5521
02S/08E-20L01 M	65.0	10/17/84 03/14/85	24.7 24.5	40.3 40.5	5050	03S/08E-07Q01 M	48.0	11/00/84 02/00/85	13.2 13.4	34.8 34.6	5521
02S/09E-03K01 M	125.0	10/11/84 03/15/85	47.0 NM-9	78.0	5110	03S/08E-08001 M	51.0	11/00/84 02/00/85	13.5 13.2	37.5 37.8	5521
02S/09E-05C01 M	110.0	10/25/84 03/18/85	52.8 52.8	57.2 57.2	5050	03S/08E-09C01 M	58.1	11/00/84 02/00/85	14.2 13.7	43.9 44.4	5521
02S/09E-07001 M	97.0	10/17/84 03/18/85	43.0 44.3	54.0 52.7	5050	03S/08E-09P01 M	55.0	11/00/84 02/00/85	16.5 17.0	38.5 38.0	5521
02S/09E-09001 M	120.0	03/18/85	48.4	71.6	5050	03S/08E-11K01 M	73.0	02/00/85	32.0	41.0	5203
02S/09E-11K01 M	139.0	10/25/84 03/18/85	49.3 50.8	89.7 88.2	5050	03S/08E-11N01 M	70.0	11/00/84 02/00/85	15.4 15.5	54.6 54.5	5521
02S/09E-12R01 M	145.0	10/17/84 03/18/85	61.7 61.7	83.3 83.3	5050	03S/08E-13F01 M	77.0	11/00/84 02/00/85	24.7 31.7	52.3 45.3	5521
02S/09E-18E01 M		03/18/85	NM-0		5050	03S/08E-13J01 M	79.0	02/00/85	32.0	47.0	5203
02S/09E-19B02 M	89.0	10/17/84 01/24/85 02/22/85 03/25/85 04/25/85 05/24/85 06/24/85 07/25/85 08/23/85 09/23/85	25.0 27.4 28.2 28.3 32.1 NM-1 27.7 NM-1 24.7 26.4	64.0 61.6 60.8 60.7 56.9 61.3 64.3 62.6	5050	03S/08E-14801 M	70.0	11/00/84 02/00/85	17.0 16.3	53.0 53.7	5521
03S/07E-05J01 M	34.0	03/14/85	11.6	22.4	5050	03S/08E-14M01 M		11/00/84 02/00/85	NM-7 13.5		5521
B-08.B	VALLEY HOME HA					03S/08E-15001 M	64.0	11/00/84 02/00/85	18.0 15.8	46.0 48.2	5521
01S/09E-14K01 M	140.0	10/16/84 02/22/85 03/25/85 04/25/85 05/24/85 06/24/85 07/25/85 08/23/85 09/23/85	86.7 83.0 82.8 83.3 86.4 85.9 86.2 88.3 87.8	53.3 57.0 57.2 56.7 53.6 54.1 53.8 51.7 52.2	5050	03S/08E-16A01 M	63.0	11/00/84 02/00/85	17.0 17.7	46.0 45.3	5521
01S/09E-23P01 M		10/11/84	NM-9		5110	03S/08E-16E01 M	59.0	11/00/84 02/00/85	18.5 18.6	36.5 36.4	5521
01S/09E-24R01 M	146.0	10/11/84 03/15/85	68.9 63.9	77.1 82.1	5110	03S/08E-16R01 M	60.0	11/00/84 02/00/85	14.0 13.7	46.0 46.3	5521
01S/09E-28M02 M	117.0	10/12/84 03/15/85	70.3 67.3	46.7 49.7	5110	03S/08E-17C01 M	50.0	11/00/84 02/00/85	14.4 13.3	35.6 36.7	5521
B-08.C	RIVERBANK HA					03S/08E-17L01 M	52.0	11/00/84 02/00/85	16.7 14.0	35.3 38.0	5521
02S/08E-25P01 M	94.0	11/00/84 02/00/85	37.2 39.6	56.8 54.4	5521	03S/08E-17R01 M	59.0	11/00/84 02/00/85	17.5 16.6	37.5 38.4	5521
02S/08E-27N01 M	73.0	11/00/84 02/00/85	29.7 32.0	43.3 41.0	5521	03S/08E-18C01 M	45.0	11/00/84 02/00/85	13.6 12.2	31.4 32.8	5521
02S/08E-33F01 M	66.0	11/00/84 02/00/85	21.3 22.3	44.7 43.7	5521	03S/08E-18J01 M	50.0	11/00/84 02/00/85	16.4 14.8	33.6 35.2	5521
02S/09E-28N01 M	118.4	11/00/84 02/00/85	48.3 48.2	70.1 70.2	5521	03S/08E-18K01 M	48.0	11/00/84 02/00/85	12.1 10.1	35.9 37.9	5521
02S/09E-31G01 M	97.0	11/00/84 02/00/85	35.0 38.5	62.0 58.5	5521	03S/08E-19C01 M	50.0	11/00/84 02/00/85	13.5 13.2	36.5 36.8	5521
02S/09E-36N01 M	125.0	11/00/84 02/00/85	46.2 47.0	78.8 78.0	5521	03S/08E-19001 M	40.0	11/00/84 02/00/85	19.2 17.0	20.8 23.0	5521
03S/07E-13A01 M	47.0	11/00/84 02/00/85	8.4 7.0	38.6 40.0	5521	03S/08E-20E01 M	49.0	11/00/84 02/00/85	13.5 12.5	35.5 36.5	5521
03S/07E-13M01 M	43.5	11/00/84 02/00/85	12.5 10.5	31.0 33.0	5521	03S/08E-20J01 M	56.1	11/00/84 02/00/85	14.0 16.2	42.1 39.9	5521
03S/07E-23F02 M	37.0	11/00/84 02/00/85	8.0 9.0	29.0 28.0	5521	03S/08E-20R01 M	56.0	11/00/84 02/00/85	14.4 13.9	41.6 42.1	5521
03S/07E-23H01 M	40.0	11/00/84 02/00/85	9.5 12.2	30.5 27.8	5521	03S/08E-21Q01 M	59.0	11/00/84 02/00/85	13.0 14.5	46.0 44.5	5521
03S/07E-24J01 M	48.1	11/00/84 02/00/85	14.3 18.5	33.8 29.6	5521	03S/08E-22F01 M	63.0	11/00/84 02/00/85	16.0 14.6	47.0 48.4	5521
03S/07E-24M01 M	45.0	11/00/84 02/00/85	8.3 8.7	36.7 36.3	5521	03S/08E-22P01 M	65.0	11/00/84 02/00/85	16.0 16.5	49.0 48.5	5521
						03S/08E-23E01 M	69.6	11/00/84 02/00/85	16.0 17.5	53.6 52.1	5521
						03S/08E-23M01 M	70.0	11/00/84 02/00/85	26.6 26.8	43.4 43.2	5521

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.C	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU RIVERBANK HA					8 8-08 8-08.C	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU RIVERBANK HA				
03S/08E-24C02 M	73.0	11/00/84 02/00/85	19.0 20.1	54.0 52.9	5221	03S/09E-31F01 M	79.0	02/00/85	34.0	45.0	5203
03S/08E-27H01 M	69.0	11/00/84 02/00/85	12.9 13.9	52.1 51.1	5221	03S/09E-32A01 M	87.0	02/00/85	57.0	30.0	5203
03S/08E-29E01 M	52.3 48.0	11/00/84 02/00/85	16.1 14.3	36.2 33.7	5221	03S/09E-32F01 M	84.0	02/00/85	46.4	37.6	5203
03S/08E-29K01 M	55.0	11/00/84 02/00/85	10.0 10.7	45.0 44.3	5221	03S/09E-32G01 M	65.0	02/00/85	50.0	35.0	5203
03S/08E-30L01 M	50.0	11/00/84 02/00/85	12.3 11.6	37.7 38.4	5221	03S/09E-32P01 M	84.0	02/00/85	45.7	38.3	5203
03S/08E-31001 M	47.0	11/00/84 02/00/85	10.5 11.0	36.5 36.0	5221	03S/10E-06G01 M	133.1	11/00/84 02/00/85	38.2 38.3	94.9 94.8	5521
03S/08E-31601 M	48.0	11/00/84 02/00/85	11.0 11.3	37.0 36.7	5221	03S/10E-08D01 M	130.0	11/00/84 02/00/85	37.6 38.7	92.4 91.3	5521
03S/08E-31R01 M	50.0	11/00/84 02/00/85	11.0 10.9	39.0 39.5	5221	03S/10E-17K01 M	130.0	11/00/84 02/00/85	37.6(6) 41.1	92.4 88.9	5521
03S/08E-32A01 M	57.0	11/00/84 02/00/85	13.5 14.0	43.5 43.0	5521	03S/10E-18P01 M	115.0	11/00/84 02/00/85	43.2 42.5	71.8 72.5	5521
03S/08E-32C01 M	53.0	11/00/84 02/00/85	15.0 14.6	38.0 38.4	5221	03S/10E-20F01 M	120.0	11/08/84 03/19/85	43.0(8) 41.5(8)	77.0 78.5	5050
03S/08E-34R01 M	64.0	11/00/84 02/00/85	14.3 14.7	49.7 49.3	5221	03S/10E-20R01 M	120.0	11/08/84 03/19/85	43.2(8) 49.0(9)	76.8 71.0	5050
03S/09E-02P01 M	109.0	11/00/84 02/00/85	NM-7 28.0	77.0	5221	03S/10E-22G01 M	140.0	11/08/84 03/19/85	42.0 NM-1	98.0	5050
03S/09E-03001 M	108.0	11/00/84 02/00/85	46.8 45.0	61.2 63.0	5521	03S/10E-26E01 M	130.0	11/08/84 03/19/85	48.0 NM-7	82.0	5050
03S/09E-04F01 M	103.6	11/00/84 02/00/85	33.0 29.7	70.6 73.9	5221	03S/10E-26M01 M	135.0	11/00/84 11/08/84 02/00/85 03/19/85	53.5 45.0 55.9 54.0(8)	81.5 90.0 83.1 85.0	5521 5050 5521 5050
03S/09E-06R01 M	87.0	11/00/84 02/00/85	18.0 19.5	69.0 67.5	5221	03S/10E-29K01 M	118.0	11/00/84 02/00/85	49.8 51.0	68.2 67.0	5521
03S/09E-07C01 M	86.5	11/00/84 02/00/85	27.0 31.9	59.5 54.6	5521	03S/10E-32G01 M	120.0	11/00/84 02/00/85	62.8 61.9	57.2 58.1	5221
03S/09E-08D01 M	92.0	11/00/84 02/00/85	29.0 82.4	63.0 9.6	5521	03S/10E-34D02 M	125.0	11/08/84 03/19/85	59.0 68.0(9)	66.0 57.0	5050
03S/09E-08K01 M	94.0	02/00/85	32.0	62.0	5203	03S/11E-20G01 M	161.0	11/07/84 03/19/85	63.0 NM-2	98.0	5050
03S/09E-09J01 M	11/00/84 02/00/85	NM-7 NM-7			5221	03S/11E-27G03 M	180.0	11/00/84 02/00/85	88.0 89.2	92.0 90.8	5521
03S/09E-09P01 M	94.0	02/00/85	43.4	50.6	5203	03S/11E-27L02 M	180.0	11/00/84 02/00/85	79.0 81.3	101.0 98.7	5521
03S/09E-10E01 M	98.0	02/00/85	33.0	65.0	5203	03S/11E-28G01 M	160.0	11/00/84 02/00/85	66.4 67.4	93.6 92.6	5521
03S/09E-14P01 M	102.0	11/00/84 02/00/85	48.0 47.0	54.0 55.0	5521	03S/11E-29J01 M	158.0	11/00/84 02/00/85	65.4 69.4	92.4 88.6	5521
03S/09E-15L01 M	95.0	02/00/85	37.0	58.0	5203	03S/11E-29L02 M	154.0	11/07/84 03/19/85	53.0 53.0(9)	101.0 101.0	5050
03S/09E-16N02 M	90.0	02/00/85	45.5	44.5	5203	03S/11E-31K01 M	150.0	11/07/84 03/19/85	71.0 70.0(9)	79.0 80.0	5050
03S/09E-17001 M	87.0	02/00/85	35.0	52.0	5203	04S/08E-02H01 M	70.0	11/00/84 02/00/85	23.1 27.2	46.9 42.8	5521
03S/09E-17P01 M	85.0	02/00/85	42.0	43.0	5203	04S/08E-03C01 M	62.0	11/00/84 02/00/85	13.6 14.0	48.4 48.0	5521
03S/09E-19C01 M	79.0	02/00/85	32.0	47.0	5203	04S/08E-03F01 M	60.0	11/00/84 02/00/85	15.0 16.4	45.0 43.6	5521
03S/09E-19J01 M	89.4	02/00/85	43.0	46.4	5203	04S/08E-03K01 M	63.0	11/00/84 02/00/85	16.4 NM-7	46.6	5521
03S/09E-20C01 M	87.0	02/00/85	43.0	44.0	5203	04S/08E-04G01 M	57.0	11/00/84 02/00/85	12.8 12.9	44.2 44.1	5521
03S/09E-20J01 M	88.0	02/00/85	51.0	37.0	5203	04S/08E-04N01 M	56.0	11/00/84 02/00/85	13.1 14.5	42.9 41.8	5521
03S/09E-20K01 M	86.0	02/00/85	46.8	39.2	5203	04S/08E-05P01 M	52.0	11/00/84 02/00/85	18.3 17.8	33.7 34.2	5521
03S/09E-21P01 M	90.0	02/00/85	53.0	37.0	5203	04S/08E-06C01 M	47.0	11/00/84 02/00/85	10.5 11.2	36.5 35.8	5521
03S/09E-22H01 M	96.0	02/00/85	58.1	37.9	5203	04S/08E-06L01 M	47.0	11/00/84 02/00/85	12.6 14.7	34.4 32.3	5521
03S/09E-23E01 M	101.0	02/00/85	51.0	50.0	5203	04S/09E-06K01 M	70.0	02/00/85	32.5	37.5	5203
03S/09E-24F01 M	109.0	02/00/85	48.6	60.4	5203	10S/14E-23A01 M	162.5	11/08/84 01/25/85	43.8 51.5	118.7 111.0	5001
03S/09E-26K01 M	103.0	02/00/85	60.5	42.5	5203	10S/14E-25K01 M	165.0	11/08/84 01/25/85	43.5 NM-6	121.5	5001
03S/09E-28C01 M	91.0	02/00/85	56.0	35.0	5203	10S/14E-26C02 M	157.0	11/08/84 01/25/85	41.1 40.0	115.9 117.0	5001
03S/09E-28K01 M	89.0	02/00/85	52.0	37.0	5203	10S/14E-26H01 M		11/08/84	NM-6		5001
03S/09E-28M01 M	90.0	02/00/85	56.0	34.0	5203						
03S/09E-29R01 M	85.0	02/00/85	48.5	36.5	5203						
03S/09E-29002 M	83.0	02/00/85	45.0	38.0	5203						
03S/09E-29G01 M	88.0	02/00/85	56.0	32.0	5203						
03S/09E-29L01 M	85.0	02/00/85	47.0	38.0	5203						
03S/09E-29P01 M	86.0	02/00/85	51.2	34.8	5203						
03S/09E-30E01 M	78.0	02/00/85	32.4	45.6	5203						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B-08 B-08.C	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU RIVERBANK HA					B-08 B-08.E	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU TURLOCK HA					
10S/14E-26R01 M	158.0	11/08/84 01/25/85	39.4 37.7	118.6 120.3	5001	04S/10E-17002 M		108.0	11/08/84 03/19/85	28.0 29.5	80.0 78.5	5050
B-08.D	WARNERSVILLE HA					04S/10E-18R01 M		105.0	11/20/84 03/19/85	19.0(4) 14.0	86.0 91.0	5050
03S/12E-18H01 M	195.0	11/00/84 02/00/85	33.0 35.0	162.0 160.0	5521	04S/10E-21E01 M		102.0	11/06/84	24.0	78.0	5050
03S/12E-18K01 M	195.0	11/00/84 02/00/85	42.0 48.0	153.0 147.0	5521	04S/10E-21R02 M		109.0	11/06/84 03/13/85	18.0 18.0	91.0 91.0	5050
03S/12E-19G01 M	190.0	11/00/84 02/00/85	54.0 57.8	136.0 132.2	5521	04S/10E-23C01 M		120.0	11/20/84 03/19/85	38.0 41.0	82.0 79.0	5050
03S/12E-20P01 M	205.0	11/00/84 02/00/85	46.0 43.0	159.0 162.0	5521	04S/10E-24R01 M		130.0	11/20/84 03/19/85	46.0 NM-1	84.0	5050
B-08.E	TURLOCK HA					04S/10E-29R01 M		101.0	11/06/84 03/13/85	12.0 14.0	89.0 87.0	5050
03S/11E-27G01 M	180.0	11/00/84 02/00/85	75.1 83.0	104.9 97.0	5521	04S/10E-31P01 M		90.0	03/14/85	16.0	74.0	5050
03S/11E-34C03 M	130.0	11/07/84 03/19/85	44.0 43.0	86.0 87.0	5050	04S/10E-32M02 M		93.0	03/14/85	11.0	82.0	5050
04S/08E-13P01 M	60.0	11/07/84 03/13/85	2.0 14.0	58.0 46.0	5050	04S/11E-02C01 M			11/07/84 03/19/85	NM-4 NM-4		5050
04S/08E-22R01 M	55.0	11/07/84 03/13/85	12.0 9.0	43.0 46.0	5050	04S/11E-02H02 M		177.0	11/07/84 03/19/85	80.5 83.5(9)	96.5 93.5	5050
04S/08E-27H01 M	50.0	11/07/84 03/13/85	15.5 10.0	34.5 40.0	5050	04S/11E-03H01 M		167.0	11/07/84 03/19/85	72.0(9) NM-4	95.0	5050
04S/08E-33G01 M	45.0	11/07/84 03/19/85	12.0 NM-9	33.0	5050	04S/11E-04C01 M		164.0	11/07/84 03/19/85	85.0(9) NM-2	81.0	5050
04S/08E-33G02 M		11/07/84 03/19/85	NM-4 NM-9		5050	04S/11E-08A01 M		165.0	11/20/84 03/19/85	70.0(9) 74.0(9)	95.0 91.0	5050
04S/08E-33G03 M	45.0	11/07/84 03/19/85	0 NM-9	45.0	5050	04S/11E-14P01 M		175.0	11/20/84 03/19/85	NM-9 111.0	64.0	5050
04S/08E-35J01 M	57.0	11/07/84 03/13/85	21.5 19.0	35.5 38.0	5050	04S/11E-17A01 M		148.0	11/20/84 03/19/85	60.0 63.0(9)	88.0 85.0	5050
04S/08E-36R02 M	61.0	11/07/84 03/13/85	10.0 11.0	51.0 50.0	5050	04S/11E-19G01 M			11/20/84 03/19/85	NM-7 NM-7		5050
04S/09E-03X02 M	97.0	11/07/84 03/19/85	51.0 54.0	46.0 43.0	5050	04S/11E-21D01 M			11/20/84 03/20/85	NM-2 NM-2		5050
04S/09E-05H01 M	67.0	02/00/85	32.0	35.0	5203	04S/11E-28J01 M		160.0	03/20/85	75.5(9)	84.5	5050
04S/09E-05J01 M	76.0	02/00/85	34.0	42.0	5203	04S/11E-31E01 M		125.0	11/06/84 03/12/85	33.0 35.0	92.0 90.0	5050
04S/09E-05P01 M	60.0	02/00/85	21.0	39.0	5203	04S/11E-31J01 M		130.0	11/06/84 03/12/85	34.0 33.0	96.0 97.0	5050
04S/09E-09K01 M	85.0	02/00/85	42.0	43.0	5203	04S/11E-32002 M		133.0	03/20/85	51.0	82.0	5050
04S/09E-09Q01 M	86.0	02/00/85	25.8	60.2	5203	04S/11E-32P01 M		130.0	11/07/84 03/12/85	52.0(9) 50.0	78.0 80.0	5050
04S/09E-13R01 M	97.0	11/07/84 03/19/85	22.0 20.0	75.0 77.0	5050	04S/11E-33R01 M		145.0	03/20/85	56.0	89.0	5050
04S/09E-16002 M	83.0	02/00/85	28.1	54.9	5203	04S/11E-34H01 M		165.0	03/20/85	87.0(9)	78.0	5050
04S/09E-19A01 M	72.0	11/08/84 03/13/85	13.0 12.0	59.0 60.0	5050	05S/08E-01R01 M		55.0	03/13/85	8.0	48.0	5050
04S/09E-20A01 M	78.0	11/08/84 03/13/85	15.0 NM-1	63.0	5050	05S/08E-02R01 M			03/13/85	NM-1		5050
04S/09E-21J01 M	80.0	11/08/84 03/13/85	18.0 19.0	62.0 61.0	5050	05S/09E-01001 M		81.0	11/07/84 03/13/85	20.0 NM-1	61.0	5050
04S/09E-24G01 M	90.0	03/13/85	15.0	75.0	5050	05S/09E-07R01 M		54.0	03/13/85	5.0	49.0	5050
04S/09E-27H01 M	75.0	11/08/84 03/13/85	15.0 13.0	60.0 62.0	5050	05S/09E-09A01 M		65.0	11/07/84 03/13/85	14.0 NM-1	51.0	5050
04S/09E-28J01 M	75.0	11/08/84 03/13/85	14.0 18.0	61.0 57.0	5050	05S/09E-10P01 M		69.0	11/07/84 03/13/85	18.0 NM-1	51.0	5050
04S/09E-29M01 M	70.0	11/08/84 03/13/85	16.0 14.0	54.0 56.0	5050	05S/09E-11L01 M			03/13/85	NM-1		5050
04S/09E-30Q01 M	63.0	03/13/85	18.0	45.0	5050	05S/09E-13A01 M		80.0	11/07/84	15.0	65.0	5050
04S/09E-31C01 M	65.0	11/08/84 03/13/85	13.0 13.0	52.0 52.0	5050	05S/09E-13E01 M		75.0	11/07/84 03/13/85	17.0 17.0	58.0 58.0	5050
04S/09E-32J01 M	65.0	03/13/85	7.0	58.0	5050	05S/09E-14H01 M			03/13/85	NM-1		5050
04S/09E-36E02 M	85.0	03/13/85	23.0	62.0	5050	05S/09E-14K01 M		73.0	11/07/84 03/13/85	10.0 13.0	63.0 60.0	5050
04S/10E-02M01 M	127.0	11/08/84 03/19/85	55.0 53.0	72.0 74.0	5050	05S/09E-15M01 M		67.0	11/07/84 03/13/85	12.0 13.0	55.0 54.0	5050
04S/10E-06R01 M	9999.8	11/08/84	(0)		5050	05S/09E-16K01 M		64.0	11/07/84 03/13/85	12.0 18.0	52.0 46.0	5050
04S/10E-08H01 M	115.0	11/08/84 03/19/85	49.5 56.0(9)	65.5 59.0	5050	05S/09E-17K01 M		60.0	11/07/84 03/13/85	12.0 18.0	48.0 42.0	5050
04S/10E-11J01 M	136.0	11/08/84 03/19/85	54.0 54.5	82.0 81.5	5050	05S/09E-20K01 M			03/13/85	NM-1		5050
04S/10E-12A01 M	140.0	11/20/84 03/19/85	65.0(9) 65.0(9)	75.0 75.0	5050	05S/09E-21R01 M			03/13/85	NM-1		5050
						05S/09E-22M01 M			03/13/85	NM-1		5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8-08 8-08.E	SAN JOAQUIN HA SAN JOAQUIN VALLEY FLOOR HU TURLOCK HA					8-08 8-08.E	SAN JOAQUIN HA SAN JOAQUIN VALLEY FLOOR HU TURLOCK HA				
05S/09E-23C01 M		03/13/85	NM-1		5050	06S/09E-13H01 M		03/13/85	NM-1		5050
05S/09E-24J01 M	77.0	03/13/85	14.0	63.0	5050	06S/10E-04001 M		03/13/85	NM-1		5050
05S/09E-25C01 M	72.0	11/07/84 03/13/85	10.0 NM-1	62.0	5050	06S/10E-05A01 M	86.0	11/07/84 03/13/85	13.0 20.0	73.0 66.0	5050
05S/09E-25R01 M	73.0	03/13/85	4.0	69.0	5050	06S/10E-05N01 M		03/13/85	NM-1		5050
05S/09E-27D01 M	63.0	11/07/84 03/13/85	13.0 15.0	50.0 48.0	5050	06S/10E-05R02 M		03/13/85	NM-1		5050
05S/09E-33H01 M	62.0	11/07/84 03/13/85	22.0 16.0	40.0 46.0	5050	06S/10E-07Q01 M	71.0	11/07/84 03/13/85	7.0 7.0	64.0 64.0	5050
05S/09E-35K01 M		03/13/85	NM-1		5050	06S/10E-08H01 M		03/13/85	NM-1		5050
05S/09E-35001 M		03/13/85	NM-1		5050	06S/10E-09R01 M	84.0	11/07/84 03/13/85	11.0 NM-1	73.0	5050
05S/10E-01P01 M	114.0	11/06/84 03/13/85	11.0 10.0	103.0 104.0	5050	06S/10E-10H01 M	95.0	11/06/84 03/13/85	11.0 13.0	84.0 82.0	5050
05S/10E-04D01 M	97.0	11/06/84 03/13/85	16.0 16.0	81.0 81.0	5050	06S/10E-11J01 M	97.0	11/06/84 03/12/85	12.0 12.0	85.0 83.0	5050
05S/10E-08M01 M	88.0	11/08/84 03/14/85	16.0 10.0	72.0 78.0	5050	06S/10E-14H01 M	95.0	11/06/84 03/12/85	12.5 NM-1	82.5	5050
05S/10E-17C01 M	90.0	11/08/84 03/14/85	14.0 13.0	76.0 77.0	5050	06S/10E-15P01 M		03/12/85	NM-1		5050
05S/10E-17M01 M	86.0	03/14/85	17.0	69.0	5050	06S/10E-15002 M	90.0	11/06/84 03/12/85	6.0 NM-1	84.0	5050
05S/10E-21001 M	90.0	11/08/84 03/14/85	16.5 18.0	73.5 72.0	5050	06S/10E-16M01 M	82.0	03/13/85	16.0	66.0	5050
05S/10E-24C01 M	105.0	11/08/84 03/13/85	19.0 18.0	86.0 87.0	5050	06S/10E-17A02 M	82.0	11/07/84 03/13/85	10.5 11.0	71.5 71.0	5050
05S/10E-26H01 M	101.0	03/13/85	8.0	93.0	5050	06S/10E-17L01 M	77.0	11/07/84 03/13/85	14.0 NM-1	63.0	5050
05S/10E-27B01 M	98.0	03/14/85	24.0	74.0	5050	06S/10E-18J02 M		03/13/85	NM-1		5050
05S/10E-27J01 M	97.0	11/08/84 03/14/85	14.0 12.0	83.0 85.0	5050	06S/10E-19G01 M	74.0	11/07/84 03/13/85	18.0 NM-1	56.0	5050
05S/10E-28H01 M	89.0	11/08/84 03/14/85	11.0 NM-1	78.0	5050	06S/10E-20R01 M		03/13/85	NM-1		5050
05S/10E-28P01 M	87.0	03/14/85	18.0	69.0	5050	06S/10E-21E01 M		03/13/85	NM-1		5050
05S/10E-29A01 M	86.0	11/08/84 03/14/85	11.0 11.0	75.0 75.0	5050	06S/10E-21N02 M	84.0	11/07/84 03/13/85	7.0 NM-1	77.0	5050
05S/10E-30F01 M	78.0	11/08/84 03/14/85	8.0 17.0	70.0 61.0	5050	06S/10E-24F01 M	100.0	11/07/84 03/13/85	10.0 12.0	90.0 88.0	5050
05S/10E-31B01 M		03/14/85	NM-1		5050	06S/10E-28K01 M		03/13/85	NM-1		5050
05S/10E-33F01 M		03/14/85	NM-1		5050	06S/10E-32D01 M		03/13/85	NM-1		5050
05S/10E-34J01 M		03/13/85	NM-1		5050	06S/11E-03C01 M	115.0	11/06/84 03/12/85	25.5 24.0	89.5 91.0	5050
05S/10E-35001 M	95.0	11/08/84 03/13/85	12.0 6.0	83.0 89.0	5050	06S/11E-04C01 M	120.0	11/06/84 03/12/85	28.0 29.0	92.0 91.0	5050
05S/10E-36K01 M	100.0	11/08/84 03/13/85	13.5 NM-1	84.5	5050	06S/11E-05C01 M	108.0	11/06/84 03/12/85	11.5 17.0	96.5 91.0	5050
05S/11E-06Q01 M		11/06/84 03/12/85	NM-2 NM-2		5050	06S/11E-07A02 M	109.0	11/06/84 03/12/85	11.0 5.0	98.0 104.0	5050
05S/11E-07P01 M	115.0	11/06/84 03/12/85	21.0 23.0	94.0 92.0	5050	06S/11E-08M02 M		03/12/85	NM-1		5050
05S/11E-16Q01 M	115.0	11/06/84 03/12/85	23.0 20.0	90.0 95.0	5050	06S/11E-09A01 M	122.0	11/06/84 03/12/85	13.0 25.0	109.0 97.0	5050
05S/11E-19R01 M	115.0	11/06/84 03/12/85	25.0 24.0	90.0 91.0	5050	06S/11E-09E01 M	125.0	11/06/84 03/12/85	21.6 18.6	103.4 106.4	5050
05S/11E-27K01 M		11/20/84 03/20/85	NM-9 72.5(9)		5050	06S/11E-10B01 M	132.0	11/06/84 03/12/85	28.0 30.0	104.0 102.0	5050
05S/11E-29P01 M	114.0	11/06/84 03/12/85	35.0 42.0	79.0 72.0	5050	06S/11E-17C01 M	105.0	03/12/85	25.0	80.0	5050
05S/11E-30G01 M	112.0	11/06/84 03/12/85	13.5 17.0	96.5 95.0	5050	06S/11E-17N01 M	114.0	03/12/85	24.0	90.0	5050
05S/11E-33N03 M	115.0	11/06/84 03/12/85	27.0 17.0	88.0 98.0	5050	06S/11E-18E01 M	100.0	11/06/84 03/12/85	9.5 NM-1	90.5	5050
06S/09E-01C01 M		03/13/85	NM-1		5050	8-08.F	MONTPELIER HA				
06S/09E-01P01 M	68.0	11/07/84 03/13/85	7.0 6.0	61.0 62.0	5050	03S/12E-33L01 M	200.0	11/20/84 03/19/85	89.0(9) 86.0(9)	111.0 114.0	5050
06S/09E-01001 M		03/13/85	NM-1		5050	04S/11E-11H01 M	165.0	11/07/84 03/19/85	74.5 81.5(9)	90.5 83.5	5050
06S/09E-02F01 M	65.0	11/07/84 03/13/85	3.0 2.0	62.0 63.0	5050	04S/11E-14L01 M	194.0	11/20/84 03/19/85	95.0 NM-1	99.0	5050
06S/09E-02R01 M	68.0	11/07/84	8.5	59.5	5050	04S/11E-15J01 M	162.0 175.0	11/20/84 03/19/85	79.0(9) 94.0	83.0 81.0	5050
06S/09E-12G01 M		03/13/85	NM-1		5050	04S/11E-23Q01 M		11/20/84 03/20/85	NM-1 NM-9		5050
06S/09E-12R01 M		03/13/85	NM-1		5050	04S/11E-23R01 M	185.0	11/20/84 03/20/85	118.5(9) 115.5(9)	66.5 69.5	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-08 8-08.F	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MONTPELIER HA					B 8-08 8-08.F		SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MONTPELIER HA				
04S/11E-24001 M	213.0	03/20/85	149.0	64.0	5050	05S/11E-13J01 M			11/20/84 03/20/85	NH-7 NH-1		5050
04S/11E-26F01 M		03/20/85	NH-9		5050	05S/11E-13K01 M			11/20/84 03/20/85	NH-7 NH-1		5050
04S/11E-35A01 M		03/20/85	NH-1		5050	05S/11E-15M01 M	165.0		11/20/84 03/20/85	97.0(9) 97.0(9)	68.0 88.0	5050
04S/11E-36N01 M	211.0	03/20/85	149.5(9)	61.5	5050	05S/11E-22B01 M	185.0		11/20/84 03/20/85	117.0(9) 114.0	88.0 71.0	5050
04S/12E-03C01 M	195.0	11/20/84 03/20/85	83.5(9) 82.5(9)	111.5 112.5	5050	05S/11E-23R01 M			11/20/84 03/20/85	NH-9 72.0		5050
04S/12E-03G01 M	200.0 201.0	11/20/84 03/20/85	90.3(9) 86.3(9)	109.7 114.7	5050	05S/11E-25A01 M	150.0		11/20/84		66.0	5050
04S/12E-04L01 M		11/07/84 03/20/85	NH-3 126.0		5050	05S/11E-35D01 M	138.0		11/20/84 03/20/85	NH-7 61.5	76.5	5050
04S/12E-05A01 M		11/20/84 03/20/85	NH-4 90.0(9)	102.0	5050	05S/12E-01J01 M	250.0		11/07/84 03/21/85	148.0(9) 140.0	102.0 110.0	5050
04S/12E-05A02 M	190.0	11/20/84 03/20/85	89.0 91.0(9)	101.0 99.0	5050	05S/12E-01M01 M	252.0		11/07/84 03/21/85	161.0 144.0	91.0 108.0	5050
04S/12E-05K01 M	230.0	11/07/84 03/20/85	113.5 NH-1	116.5	5050	05S/12E-02G01 M	252.0		11/07/84 03/21/85	149.0(9) NH-9	103.0	5050
04S/12E-06E01 M	225.0	11/07/84 03/20/85	93.0(9) NH-1	132.0	5050	05S/12E-04C01 M			11/20/84 03/21/85	NH-7 NH-5		5050
04S/12E-06G01 M	197.0	11/07/84 03/20/85	109.5(9) 106.5(9)	87.5 90.5	5050	05S/12E-07F01 M	200.0 198.0		11/20/84 03/21/85	124.5(9) 131.5(9)	75.5 66.5	5050
04S/12E-07C01 M	190.0	11/07/84 03/20/85	99.5(9) 101.5(9)	90.5 88.5	5050	05S/12E-07G01 M			11/20/84 03/21/85	NH-7 112.5(9)		5050
04S/12E-07J01 M	193.0	11/07/84 03/20/85	104.5 108.5(9)	88.5 84.5	5050	05S/12E-07H01 M			11/20/84 03/21/85	NH-7 130.5(9)		5050
04S/12E-08E01 M	205.0	11/07/84 03/20/85	126.0(9) 120.0(9)	79.0 85.0	5050	05S/12E-07P01 M			11/20/84 03/21/85	NH-7 140.5(9)		5050
04S/12E-08G01 M	245.0	11/07/84 03/20/85	168.5(9) 156.5	76.5 88.5	5050	05S/12E-07Q01 M			11/20/84 03/21/85	NH-7 138.5(9)		5050
04S/12E-09M01 M	265.0	11/07/84 03/20/85	176.0(9) 177.0(9)	89.0 88.0	5050	05S/12E-07R01 M			11/20/84 03/21/85	NH-7 134.5(9)		5050
04S/12E-09Q02 M		11/07/84 03/20/85	NH-9 NH-9		5050	05S/12E-08P01 M			11/20/84 03/21/85	NH-7 131.5	78.5	5050
04S/12E-16A02 M		11/07/84 03/20/85	NH-1 NH-9		5050	05S/12E-11G01 M	252.0		11/07/84 03/21/85	163.0(9) 140.0	89.0 112.0	5050
04S/12E-16E01 M		11/07/84 03/20/85	NH-3 176.0(9)	94.0	5050	05S/12E-11K01 M	250.0		11/07/84 03/21/85	150.5(9) 144.5	99.5 105.5	5050
04S/12E-17D01 M	230.0	11/07/84 03/20/85	153.0(9) 153.0(9)	77.0 77.0	5050	05S/12E-12E01 M	250.0		11/07/84 03/21/85	166.0(1) 158.0(9)	84.0 92.0	5050
04S/12E-17G01 M	230.0	11/07/84 03/20/85	158.0 156.0(9)	72.0 74.0	5050	05S/12E-14M01 M	208.0		11/06/84 03/21/85	124.0(9) 121.0(9)	84.0 87.0	5050
04S/12E-18C01 M	187.0	11/07/84 03/20/85	107.0 105.0(9)	80.0 82.0	5050	05S/12E-15J01 M			03/21/85	NH-9		5050
04S/12E-19N01 M	235.0	11/20/84 03/20/85	160.0(9) 157.0(9)	75.0 78.0	5050	05S/12E-16R01 M	202.0		11/06/84 03/21/85	128.0(9) 122.0(9)	74.0 80.0	5050
04S/12E-21G01 M		11/20/84 03/20/85	NH-9 NH-9		5050	05S/12E-18C01 M			11/20/84 03/21/85	NH-7 134.5(9)	70.0	5050
04S/12E-21N01 M		11/20/84 03/20/85	NH-9 NH-9		5050	05S/12E-18L01 M			11/20/84 03/21/85	NH-7 90.5	84.5	5050
04S/12E-25B01 M		11/20/84 03/20/85	NH-7 NH-9		5050	05S/12E-19B01 M	168.0		11/20/84 03/21/85	101.5(9) 108.5(9)	86.5 59.5	5050
04S/12E-27J01 M	265.0	11/07/84 03/20/85	174.0(8) NH-1	91.0	5050	05S/12E-20E01 M			11/20/84 03/21/85	NH-7 NH-1		5050
04S/12E-28Q01 M		11/20/84 03/20/85	NH-9 NH-4		5050	05S/12E-21Q01 M	193.0		11/06/84 03/21/85	128.0(9) 124.0	65.0 69.0	5050
04S/12E-29Q01 M	245.0	11/20/84 03/20/85	186.0(9) NH-9	59.0	5050	05S/12E-22H01 M	220.0		11/06/84 03/21/85	132.0(9) 128.0(9)	88.0 92.0	5050
04S/12E-30Q01 M	240.0 245.0	11/20/84 03/20/85	180.0 185.0	60.0 60.0	5050	05S/12E-22J01 M	220.0		11/06/84 03/21/85	131.0 128.0(9)	89.0 92.0	5050
04S/12E-33N01 M	240.0	11/07/84	148.0	92.0	5050	05S/12E-23P01 M	225.0		11/06/84 03/21/85	133.5(9) 140.5(9)	91.5 84.5	5050
05S/11E-09R01 M		11/20/84 03/20/85	NH-5 70.0	105.0	5050	05S/12E-26N01 M	205.0		11/06/84 03/21/85	103.5 107.5	101.5 97.5	5050
05S/11E-11L01 M		11/20/84 03/20/85	NH-7 NH-9		5050	05S/12E-27A01 M			11/06/84 03/21/85	NH-9 NH-9		5050
05S/11E-12A01 M		11/20/84 03/20/85	NH-7 NH-9		5050	05S/12E-28J01 M	189.0		11/06/84 03/21/85	106.5(9) 107.5	82.5 81.5	5050
05S/11E-12R01 M		11/20/84 03/20/85	NH-7 NH-1		5050	05S/12E-30Q01 M			11/20/84 03/21/85	NH-7 77.0		5050
05S/11E-13A01 M		11/20/84 03/20/85	NH-7 150.0(9)	75.0	5050	05S/12E-30Q01 M	164.0		11/06/84 03/21/85	97.5(9) 94.5	66.5 79.5	5050
05S/11E-13C01 M		11/20/84 03/20/85	NH-7 NH-1		5050							

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B B-08 B-08.F	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MONTPELIER HA					B B-08 B-08.G	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU EL NIDO-STEVENSON HA				
09S/12E-31G01 M	155.0	11/06/84 03/21/85	82.0(9) 112.0	73.0 43.0	5050	07S/11E-27H01 M		12/12/84	NM-9		5050
09S/12E-31G01 M	166.0	11/06/84 03/21/85	87.0(9) 75.0	79.0 91.0	5050	07S/11E-28G02 M	92.0	10/16/84 12/12/84	11.0 2.0	81.0 90.0	5050
09S/12E-32G01 M		11/06/84 03/21/85	NM-0 NM-9		5050	07S/11E-28J01 M	92.0	10/22/84 12/12/84	6.0 6.0	86.0 86.0	5050
09S/12E-32G01 M	170.0	11/06/84 03/21/85	80.0 NM-1	90.0	5050	07S/11E-33E01 M	86.0	10/22/84 12/12/84	5.0 1.5	81.0 84.5	5050
09S/12E-33N01 M	168.0	11/06/84 03/21/85	76.5(9) 79.5	91.5 88.5	5050	07S/12E-23D01 M	129.0	10/24/84	10.0	119.0	5525
09S/12E-33R01 M	170.0	11/06/84 03/21/85	83.0(9) 79.5	87.0 90.5	5050	07S/12E-31K02 M	100.0	10/22/84 12/13/84	13.5 NM-9	86.5	5050
09S/12E-34A01 M	190.0	11/06/84 03/21/85	92.0(9) 92.0	98.0 98.0	5050	07S/12E-34A01 M		12/13/84	NM-9		5050
B-08.G	EL NIDO-STEVENSON HA					07S/13E-06G01 M	154.0	10/25/84	43.0	111.0	5525
06S/09E-36L01 M	75.0	12/12/84	13.5	61.5	5050	07S/13E-09A01 M	165.0	10/25/84	29.0	136.0	5525
06S/10E-35H02 M	90.0	10/16/84 12/12/84	20.0 19.0	70.0 71.0	5050	07S/13E-10N01 M	161.0	10/25/84	22.0	139.0	5525
07S/09E-02R01 M	67.0	12/12/84	8.0	59.0	5050	07S/14E-13N01 M	200.0	10/16/84	23.0	177.0	5525
07S/09E-04E01 M	65.2	11/28/84 04/17/85	2.6 6.4	62.6 58.8	5050	07S/14E-15H01 M	193.0	10/16/84	15.0	178.0	5525
07S/09E-12K01 M	65.0	10/16/84 12/12/84	5.5 3.0	59.5 62.0	5050	07S/14E-22G01 M	191.0	10/16/84	33.0	158.0	5525
07S/09E-13B01 M		12/12/84	NM-7		5050	07S/14E-24H01 M	205.0	10/16/84	29.0	176.0	5525
07S/09E-23M01 M		04/17/85	NM-9		5050	07S/14E-28R01 M	181.0	10/16/84	26.0	155.0	5525
07S/09E-23N02 M		04/17/85	NM-9		5050	07S/14E-31M01 M	161.0	10/16/84	34.0	127.0	5525
07S/09E-24L01 M		04/17/85	NM-7		5050	07S/14E-34L01 M	183.0	10/16/84	19.0	165.0	5525
07S/10E-03E01 M	85.0	10/16/84 12/12/84	13.5 13.5	71.5 71.5	5050	07S/15E-18K01 M	229.0	10/16/84	27.0	202.0	5525
07S/10E-04L01 M	84.0	10/16/84 12/12/84	14.0 NM-7	70.0	5050	07S/15E-30E01 M	205.0	10/16/84	23.0	182.0	5525
07S/10E-05R01 M	80.0	10/16/84 12/12/84	10.5 18.8	69.5 61.2	5050	07S/15E-31R01 M	205.0	10/16/84	20.0	185.0	5525
07S/10E-07L01 M	71.0	10/16/84 12/12/84	6.4 7.4	64.6 63.6	5050	07S/15E-32A01 M	219.0	10/16/84	11.0	208.0	5525
07S/10E-08M01 M	73.0	10/16/84 12/12/84	9.5 5.0	63.5 68.0	5050	07S/15E-34R01 M	230.0	10/16/84	20.0	210.0	5525
07S/10E-10A01 M	85.0	12/12/84	12.0	73.0	5050	08S/11E-03J01 M	90.0	10/22/84 12/13/84	6.5 4.5	83.5 85.5	5050
07S/10E-14K01 M	83.0	10/16/84 12/12/84	6.0 4.0	77.0 79.0	5050	08S/11E-04E01 M	85.0	10/22/84 12/13/84	11.0 8.5	74.0 76.5	5050
07S/10E-15G01 M	80.0	10/16/84 12/12/84	5.0 5.0	75.0 75.0	5050	08S/11E-10A01 M	87.0	10/22/84 12/13/84	11.9 7.0	75.5 80.0	5050
07S/10E-15N01 M	77.0	10/16/84 12/12/84	6.0 6.0	71.0 71.0	5050	08S/11E-16G01 M	85.0	10/22/84 12/13/84	11.0 NM-9	74.0	5050
07S/10E-17G01 M	75.0	10/16/84 12/12/84	5.0 NM-9	70.0	5050	09S/11E-22A01 M	85.0	10/22/84 12/13/84	12.8 12.0	72.2 73.0	5050
07S/10E-22R01 M	78.0	10/16/84 12/12/84	8.0 4.0	70.0 74.0	5050	08S/12E-06G01 M	105.0	10/22/84 12/13/84	11.0 NM-9	89.0	5050
07S/10E-23K01 M	80.0	10/16/84 12/12/84	15.0 4.0	65.0 76.0	5050	08S/12E-09H01 M	105.0	12/13/84	12.0	93.0	5050
07S/10E-23K02 M	80.0	10/16/84 12/12/84	4.7 2.0	75.3 78.0	5050	08S/12E-17E02 M	96.0	10/22/84 12/13/84	15.2 NM-9	80.8	5050
07S/11E-06A02 M	105.0	10/24/84	23.0	82.0	5525	08S/12E-19D01 M	90.0	10/22/84 12/13/84	16.5 13.0	73.5 77.0	5050
07S/11E-07H01 M	97.0	10/24/84	13.0	84.0	5525	08S/12E-22R01 M	110.0	10/23/84 12/13/84	17.0 NM-9	93.0	5050
07S/11E-07L01 M	95.0	10/16/84 12/12/84	4.5 4.0	90.5 91.0	5050	08S/12E-27H01 M	105.0	10/23/84 12/13/84	6.5 NM-9	98.5	5050
07S/11E-10K01 M	106.0	10/24/84	22.0	84.0	5525	08S/12E-31M01 M	95.0	10/23/84 12/13/84	24.5 20.0	70.5 75.0	5050
07S/11E-15H01 M	107.0	10/24/84	17.0	90.0	5525	08S/12E-32K01 M		12/13/84	NM-9		5050
07S/11E-16H01 M	100.0	10/16/84 12/12/84	18.0 12.0	82.0 88.0	5050	08S/13E-19H02 M	121.0	10/23/84 12/12/84	19.1 17.6	101.9 103.4	5050
07S/11E-18B01 M	95.0	10/16/84 12/12/84	16.0 NM-9	79.0	5050	08S/13E-24G01 M		12/12/84	NM-9		5050
07S/11E-20G01 M	90.0	10/16/84 12/12/84	9.0 4.5	81.0 85.5	5050	08S/13E-26C01 M	136.0	10/23/84 12/12/84	21.0 7.5	115.0 128.5	5050
07S/11E-21P01 M	95.0	10/16/84 12/12/84	15.0 NM-1	80.0	5050	08S/13E-27C01 M	132.0	12/12/84	44.0	88.0	5050
07S/11E-22D01 M	99.0	10/16/84 12/12/84	10.0 NM-9	89.0	5050	08S/13E-28A01 M	130.0	10/23/84 12/12/84	14.5 14.5	115.5 115.5	5050
07S/11E-27H01 M	95.0	10/16/84	8.0	87.0	5050	08S/13F-30J01 M	117.0	10/23/84 12/12/84	27.5 29.0	89.5 88.0	5050
						09S/13E-31A01 M	118.0	10/23/84 12/12/84	12.0 NM-9	106.0	5050
						08S/13E-32R01 M	119.0	10/23/84 12/12/84	37.0 31.0	82.0 88.0	5050
						08S/13E-34LC1 M	127.0	10/23/84 12/12/84	27.0 29.0	100.0 98.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.6	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU EL MIDO-STEVINSON HA					8 8-08 8-08.6	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU EL MIDO-STEVINSON HA				
08S/13E-36H01 M	145.0	10/23/84 12/12/84	23.5 25.5	121.5 119.5	5050	09S/13E-25L01 M	136.0	01/30/85	68.0	68.0	5001
08S/13E-36R01 M	148.0	10/23/84 12/12/84	30.0 41.0	118.0 107.0	5050	09S/13E-26J02 M	129.5	10/01/84 01/30/85	70.0 71.0	59.5 58.5	5001
08S/14E-05A02 M	171.0	10/16/84	38.0	133.0	5525	09S/13E-33P01 M	114.0	10/23/84 12/13/84	11.0 11.9	103.0 102.1	5050
08S/14E-17L01 M		12/12/84	NM-9		5050	09S/13E-33P02 M	115.0	10/01/84 12/13/84	9.3 NM-0	105.7	5001
08S/14E-20J01 M	161.0	10/23/84 12/12/84	69.0 NM-9	92.0	5050		12/05/95	12.3		102.7	5050 5001
08S/14E-29E01 M	152.0	10/23/84 12/12/84	16.0 17.0	136.0 135.0	5050	09S/13E-36A01 M	136.0	10/01/84 02/04/85	95.2 62.7	40.8 73.3	5001
08S/14E-30G01 M	150.0	10/23/84 12/12/84	58.0 55.0	92.0 95.0	5050	09S/14E-01A01 M	188.0	11/05/84 01/23/85	60.3 52.0	127.7 134.0	5001
08S/14E-32L01 M		10/01/84 02/04/85	NM-1 NM-9		5001	09S/14E-01B01 M	180.0	10/24/84 12/12/84	69.5 60.0	110.5 120.0	5050
08S/15E-16P01 M	211.0	10/24/84 12/12/84	83.0 82.0	128.0 129.0	5050	09S/14E-01B02 M	180.0	10/24/84 12/12/84	66.5 55.0	113.5 125.0	5050
08S/15E-17P01 M	207.0	10/24/84 12/12/84	78.5(9) 73.5(9)	128.5 133.5	5050	09S/14E-01B03 M	180.0	10/24/84 12/12/84	23.0 30.0	157.0 150.0	5050
08S/15E-20L01 M	202.0	10/24/84 12/12/84	83.0(9) 78.0(9)	119.0 124.0	5050	09S/14E-05P01 M		10/01/84 02/04/85	NM-1 24.2		5001
08S/15E-34L01 M	217.0	10/24/84 12/12/84	108.0 130.0	109.0 87.0	5050	09S/14E-06G01 M	141.0	10/01/84 02/04/85	32.3 32.1	108.7 108.9	5001
08S/15E-36G01 M	225.0	10/24/84 12/12/84	130.0 122.0	95.0 103.0	5050	09S/14E-06P01 M	142.0	10/31/84 02/04/85	38.0 27.9	104.0 114.1	5001
08S/16E-31C01 M	238.0	10/24/84 12/12/84	138.0(9) 133.0(9)	100.0 105.0	5050	09S/14E-08A01 M	153.0	10/01/84 02/04/85	147.8 40.2	5.2 112.8	5001
09S/12E-01C01 M	110.5	10/23/84 12/13/84	17.5 11.5	93.0 99.0	5050	09S/14E-11C01 M	172.0	11/07/84 01/23/85	51.5 39.6	120.5 132.2	5001
09S/12E-03C01 M	100.0	10/23/84 12/13/84	10.5 NM-1	89.5	5050	09S/14E-11F01 M	171.0	11/07/84 01/23/85	33.9 NM-9	137.1	5001
09S/12E-03H01 M	109.0	10/23/84 12/13/84	21.0 23.0	88.0 86.0	5050	09S/14E-12A01 M	185.0	10/01/84 02/04/85	98.3 49.7	86.7 135.3	5001
09S/12E-04G01 M	95.0	10/23/84 12/13/84	11.0 11.0	84.0 84.0	5050	09S/14E-12R01 M	187.5	11/05/84 01/23/85	60.0 46.0	127.5 141.5	5001
09S/12E-04L01 M	95.0	10/23/84 12/13/84	12.0 12.0	83.0 83.0	5050	09S/14E-13J01 M	190.0	11/07/84 01/23/85	65.5 61.0	124.5 129.0	5001
09S/12E-06C01 M	95.0	10/23/84 12/13/84	25.5 25.0	69.5 70.0	5050	09S/14E-13K01 M	186.0	11/07/84 01/23/85	60.1 47.1	125.9 138.9	5001
09S/12E-11R01 M	102.0	12/13/84	10.0	92.0	5050	09S/14E-13R01 M	188.0	11/07/84 01/23/85	61.8 61.0	126.2 127.0	5001
09S/12E-14C01 M	100.0	10/23/84 12/13/84	6.7 7.5	93.3 92.5	5050	09S/14E-14E01 M	170.0	11/07/84 01/23/85	5.0 NM-4	165.0	5001
09S/13E-02001 M	127.2	10/01/84 02/04/85	27.2 27.3	100.0 99.9	5001	09S/14E-14K01 M		11/07/84 01/23/85	NM-5 NM-5		5001
09S/13E-02P01 M	129.0	10/01/84 02/04/85	73.6 33.5	55.4 95.5	5001	09S/14E-14L01 M	175.0	11/07/84 01/23/85	15.7 NM-5	159.3	5001
09S/13E-10P02 M		10/01/84 02/04/85	NM-1 NM-9		5001	09S/14E-14R01 M	177.0	10/24/84 12/12/84	26.5 44.0	150.5 133.0	5050
09S/13E-11K01 M	131.0	10/01/84 02/04/85	42.8 31.8	88.2 99.2	5001	09S/14E-15P01 M	166.0	11/07/84 01/23/85	11.5 NM-4	154.5	5001
09S/13E-12R01 M	139.0	10/01/84 02/04/85	50.9 46.8	88.1 92.2	5001	09S/14E-17P01 M	152.0	10/01/84 01/30/85	37.5 36.5	114.5 115.5	5001
09S/13E-13F01 M	135.0	10/01/84 01/30/85	97.0 50.0	38.0 85.0	5001	09S/14E-18L01 M	144.0	10/01/84 01/30/85	52.0 49.0	92.0 95.0	5001
09S/13E-14H01 M	133.0	10/01/84 01/30/85	107.5 52.0	25.5 81.0	5001	09S/14E-18N01 M	143.0	10/01/84 01/30/85	69.5 55.0	73.5 88.0	5001
09S/13E-15J01 M	125.5	10/01/84 02/04/85	86.8 44.6	38.7 80.9	5001	09S/14E-19A01 M	148.0	10/31/84 01/30/85	89.0 49.5	59.0 98.5	5001
09S/13E-16E01 M		10/01/84 02/04/85	NM-5 NM-6		5001	09S/14E-19E01 M	141.0	10/01/84 01/30/85	61.5 59.5	79.5 81.5	5001
09S/13E-17C01 M		10/01/84 02/04/85	NM-5 NM-9		5001	09S/14E-20B01 M	152.0	10/01/84 01/30/85	56.0 54.0	96.0 98.0	5001
09S/13E-21H01 M	119.0	10/01/84 02/04/85	83.3 48.3	35.7 70.7	5001	09S/14E-20P01 M	149.5	10/01/84 01/30/85	63.9 49.0	85.6 100.5	5001
09S/13E-22H02 M	125.5	10/01/84 02/04/85	78.8 56.8	46.7 68.7	5001	09S/14E-21C01 M	160.0	10/01/84 01/30/85	30.0 28.0	130.0 132.0	5001
09S/13E-23H01 M	132.5	10/01/84 01/30/85	95.0 59.0	37.5 73.5	5001	09S/14E-21P01 M	157.5	10/01/84 01/30/85	31.0 43.0	126.5 114.5	5001
09S/13E-24A01 M	142.0	10/01/84 01/30/85	87.5 59.0	54.5 83.0	5001	09S/14E-22A01 M	170.0	11/07/84 01/23/85	57.4 NM-4	112.6	5001
09S/13E-25H01 M	142.0	10/01/84 01/30/85	67.0 64.5	75.0 77.5	5001	09S/14E-23A01 M	178.0	10/24/84 12/12/84	79.5 64.0	98.5 114.0	5050
09S/13E-25L01 M	136.0	10/01/84	80.0	56.0	5001	09S/14E-27R01 M	169.5	11/08/84	35.0	133.5	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-08 8-08.6	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU EL NIOO-STEVINSON NA					B 8-08 8-08.H	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MERCED NA				
09S/14E-27R01 M	168.5	01/23/85	33.9	134.6	5001	05S/12E-25L01 M	140.0	11/06/84 03/21/85	22.5 19.5	117.5 120.5	5050
09S/14E-28L01 M	157.0	10/01/84 01/30/85	40.0 42.5	117.0 114.5	5001	06S/10E-36A01 M	104.0	10/16/84 12/12/84	25.0 25.0	79.0 79.0	5050
09S/14E-28R01 M	160.0	10/01/84 01/30/85	52.0 48.5	108.0 111.5	5001	06S/11E-22K01 M	110.0	12/12/84	20.5	89.5	5050
09S/14E-29L01 M	150.0	10/01/84 01/30/85	80.0 59.0	70.0 91.0	5001	06S/11E-24A01 M	140.0	10/25/84	52.0	88.0	5525
09S/14E-29R01 M	150.5	10/01/84 01/30/85	71.5 59.0	79.0 91.5	5001	06S/11E-24H01 M	138.0	10/25/84	56.0	82.0	5525
09S/14E-30R02 M	145.0	10/01/84 01/30/85	67.5 60.5	77.5 84.5	5001	06S/11E-25R01 M	126.0	10/24/84	25.0	101.0	5525
09S/14E-30J01 M	143.0	10/01/84 01/30/85	67.0 61.0	76.0 82.0	5001	06S/11E-28001 M	119.0	10/24/84	30.0	89.0	5525
09S/14E-32C01 M	148.0	10/01/84 01/30/85	70.0 62.0	78.0 86.0	5001	06S/11E-29J01 M	115.0	10/16/84 12/12/84	30.5 29.5	84.5 85.5	5050
09S/15E-02A01 M	226.0	11/02/84 02/05/85	123.0 NM-5	103.0	5001	06S/11E-32L01 M	114.0	10/16/84 12/12/84	25.0 28.0	89.0 86.0	5050
09S/15E-03001 M	214.5	11/02/84 01/24/85	102.5 NM-5	112.0	5001	06S/11E-35J01 M	122.0	10/24/84	22.0	100.0	5525
09S/15E-04R01 M	212.0	11/05/84 01/22/85	97.0 72.5	115.0 139.5	5001	06S/11E-36P01 M	120.0	10/24/84	17.0	103.0	5525
09S/15E-05A01 M	204.0	11/05/84 01/24/85	88.0 NM-8	116.0	5001	06S/12E-10E01 M	175.0	10/25/84	72.0	103.0	5525
09S/15E-06P01 M	191.0	11/05/84 01/22/85	68.1 55.0	122.9 136.0	5001	06S/12E-13E01 M	185.0	10/25/84	70.0	115.0	5525
09S/15E-07H01 M		11/05/84 01/22/85	NM-4 NM-4		5001	06S/12E-14K01 M	180.0	10/25/84	67.0	113.0	5525
09S/15E-08A01 M	204.0	11/05/84 01/22/85	82.7 70.4	121.3 133.6	5001	06S/12E-16FC1 M	160.0	10/25/84	65.0	95.0	5525
09S/15E-09P01 M	208.0	11/05/84 01/24/85	89.4 NM-8	118.6	5001	06S/12E-17J01 M	155.0	10/25/84	64.0	91.0	5525
09S/15E-10A01 M	221.0	11/05/84 01/24/85	99.1 NM-5	121.9	5001	06S/12E-19001 M	142.0	10/25/84	62.0	80.0	5525
09S/15E-10P01 M	215.0	11/05/84 01/23/85	99.3 93.9	115.7 121.1	5001	06S/12E-20001 M	147.0	10/25/84	52.0	95.0	5525
09S/15E-11F01 M	223.0	11/07/84 01/23/85	110.0 NM-5	113.0	5001	06S/12E-22E01 M	160.0	10/25/84	46.0	114.0	5525
09S/15E-12R01 M	235.0	11/02/84 01/23/85	133.2 61.5	101.8 173.5	5001	06S/12E-22P01 M	158.0	10/24/84	45.0	113.0	5525
09S/15E-12C01 M	231.5	11/02/84 01/23/85	128.0 120.0	103.5 111.5	5001	06S/12E-23H01 M	170.0	10/24/84	43.0	127.0	5525
09S/15E-13A01 M	237.0	11/02/84 01/23/85	135.8 120.9	101.2 116.1	5001	06S/12E-26002 M	158.0	10/24/84	42.0	116.0	5525
09S/15E-13E02 M	231.0	11/02/84 01/23/85	116.6 83.0	114.4 148.0	5001	06S/12E-27P01 M	150.0	10/25/84	43.0	107.0	5525
09S/15E-14A01 M	225.5	11/05/84 01/23/85	123.9 66.5	101.6 159.0	5001	06S/12E-29J01 M	145.0	10/25/84	38.0	107.0	5525
09S/15E-15P02 M	215.0	11/07/84 01/23/85	93.3 NM-4	121.7	5001	06S/12E-30C01 M	139.0	10/25/84	48.0	91.0	5525
09S/15E-16E01 M		11/07/84 01/22/85	NM-4 65.7		5001	06S/12E-31M01 M	130.0	10/24/84	34.0	96.0	5525
09S/15E-17R01 M	204.0	11/07/84 01/22/85	78.3 NM-3	125.7	5001	06S/12E-31R01 M	126.0	10/24/84	24.0	102.0	5525
09S/15E-18J01 M	195.0	11/07/84 01/22/85	70.4 68.0	124.6 127.0	5001	06S/12E-33R01 M	150.0	10/25/84	53.0	97.0	5525
09S/15E-20C01 M	200.0	11/07/84 01/22/85	73.5 NM-3	126.5	5001	06S/12E-33D01 M	145.0	10/24/84	40.0	105.0	5525
09S/15E-29D01 M	195.0	11/07/84 01/22/85	27.5 NM-1	167.5	5001	06S/12E-33001 M	140.0	10/24/84	34.0	106.0	5525
09S/16E-07C01 M	240.0	11/02/84 01/22/85	136.0 61.0	104.0 179.0	5001	06S/12E-34A01 M	155.0	10/25/84	42.0	113.0	5525
09S/16E-12F01 M	280.0	11/01/84 01/28/85	85.6 20.3	194.4 259.7	5001	06S/13E-05J01 M	225.0	10/25/84	97.0	128.0	5525
10S/13E-02F01 M	125.0	10/01/84 02/04/85	54.7 45.7	70.3 79.3	5001	06S/13E-06R01 M	220.0	10/25/84	90.0	130.0	5525
10S/13E-04R02 M	117.0	10/01/84 02/04/85	5.1 11.4	111.9 105.6	5001	07S/11E-01H01 M		12/12/84	NM-7		5050
10S/13E-15A01 M		10/02/84 02/05/85	NM-1 NM-4		5001	07S/11E-02A01 M	120.0	10/24/84	25.0	95.0	5525
10S/14E-06R01 M		10/02/84 02/05/85	NM-1 78.4		5001	07S/11E-03001 M	109.0	10/24/84	13.0	96.0	5525
10S/14E-27H01 M	150.0	11/08/84 01/25/85	45.1 NM-5	104.9	5001	07S/11E-04M01 M	103.0	10/24/84	9.0	94.0	5525
						07S/11E-05F01 M	105.0	10/24/84	22.0	83.0	5525
						07S/11E-14A01 M	110.0	10/24/84	18.0	92.0	5525
						07S/11E-24D01 M	104.0	10/24/84	12.0	92.0	5525
						07S/12E-03J01 M	150.0	10/24/84	31.0	119.0	5525
						07S/12E-04K01 M	136.5	10/24/84	32.0	104.5	5525
						07S/12E-06N01 M	115.0	10/24/84	20.0	95.0	5525
						07S/12E-08E01 M	120.0	10/24/84	22.0	98.0	5525
						07S/12E-09R02 M	140.0	10/25/84	36.0	104.0	5525
						07S/12E-10F02 M	142.0	10/25/84	29.0	113.0	5525
						07S/12E-12H01 M	144.0	10/25/84	22.0	122.0	5525
						07S/12E-14C01 M	143.0	10/24/84	21.0	122.0	5525
						07S/12E-15R01 M	129.0	10/24/84	7.0	122.0	5525
						07S/12E-16C01 M	119.0	10/24/84	6.0	113.0	5525
						07S/12E-17D01 M	120.0	10/24/84	20.0	100.0	5525
						07S/12E-24J01 M	136.0	10/25/84	15.0	121.0	5525
						07S/12E-25A01 M	130.0	10/24/84	8.0	122.0	5525

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-08 8-08.H	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MERCED HA					B 8-08 8-08.K	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA				
07S/12E-29C01 M	112.0	10/22/84 12/13/84	12.5 12.0	99.5 100.0	5050	10S/13E-24L01 M	127.0	10/02/84 02/05/85	NM-5 29.4	97.6	5001
07S/13E-16N02 M	149.0	10/25/84	11.0	138.0	5525	10S/13E-35K01 M	122.0	10/02/84 02/05/85	17.8 15.6	104.2 106.4	5001
07S/13E-18E01 M	145.0	10/25/84	16.0	129.0	5525	10S/14E-05C03 M	146.5	11/08/84 02/04/85	81.0 NM-3	65.5	5001
07S/13E-18K01 M	145.0	10/25/84	22.0	123.0	5525	10S/14E-06R01 M	141.0	10/02/84 02/05/85	NM-1 87.1	53.9	5001
07S/13E-19H01 M	143.0	10/25/84	3.0	140.0	5525	10S/14E-08B03 M	147.0	11/08/84 02/04/85	68.5 NM-5	78.5	5001
07S/13E-21K01 M	150.0	10/25/84	26.0	124.0	5525	10S/14E-08N01 M	142.4	11/08/84 02/04/85	71.5 NM-5	70.9	5001
07S/13E-22R01 M	155.0	10/25/84	25.0	130.0	5525	10S/14E-16F02 M	148.0	11/08/84 01/25/85	57.5 59.3	90.5 86.7	5001
07S/13E-30R02 M	135.0	10/25/84	8.0	127.0	5525	10S/14E-16H01 M	150.0	11/08/84 01/25/85	63.9 54.7	86.1 95.3	5001
07S/13E-34A01 M	150.0	10/25/84	23.0	127.0	5525	10S/14E-17J01 M	140.0	11/08/84 01/25/85	57.0 25.4	83.0 114.6	5001
07S/13E-34J01 M	145.0	10/25/84	21.0	124.0	5525	10S/14E-18K01 M	135.0	11/08/84 02/01/85	43.0 44.0	92.0 91.0	5001
07S/13E-36H01 M	159.0	10/25/84	40.0	119.0	5525	10S/14E-19A02 M	135.0	11/08/84 01/25/85	37.0 NM-4	98.0	5001
08S/14E-02A01 M	190.0	10/16/84	24.0	166.0	5525	10S/14E-20H02 M	142.5	11/08/84 01/25/85	44.5 47.9	98.0 94.6	5001
08S/14E-03L01 M		12/12/84	NM-7		5050	10S/14E-21C03 M	145.0	11/08/84 01/25/85	53.0 NM-3	92.0	5001
08S/14E-04R01 M	175.0	10/16/84	41.0(9)	134.0	5525	10S/14E-21G01 M	147.0	11/08/84 01/25/85	52.9 50.5	94.1 96.5	5001
08S/14E-11K01 M	187.0	10/16/84 12/12/84	37.0 NM-7	150.0 5050	5525	10S/14E-28B01 M	144.0	11/08/84 02/01/85	36.0 33.0	108.0 111.0	5001
08S/14E-12A01 M	197.0	10/16/84	30.0	167.0	5525	10S/14E-29C02 M	137.0	11/08/84 02/01/85	70.1 24.0	66.9 113.0	5001
08S/14E-13A01 M	195.0	10/16/84	60.0	135.0	5525	10S/14E-31H01 M	131.0	10/02/84 02/05/85	7.4 10.1	125.1 122.4	5001
08S/14E-13L02 M	190.0	10/16/84 12/12/84	29.0 NM-7	161.0 5050	5525	10S/14E-32001 M	132.5	10/02/84 02/05/85	7.4 10.1	125.1 122.4	5001
08S/14E-14B01 M	185.0	10/16/84	15.0	170.0	5525	10S/14E-33L02 M	137.0	11/08/84 02/01/85	12.5 15.0	124.5 122.0	5001
08S/14E-15R02 M	176.0	10/16/84	32.0	144.0	5525	10S/14E-35F01 M	151.0	10/02/84 02/05/85	42.3 36.5	108.7 114.5	5001
08S/14E-24A01 M	190.0	10/16/84	32.0	158.0	5525	10S/16E-31J01 M	199.0	11/10/84 01/30/85	59.6 NM-4	138.4	5001
08S/14E-24N01 M	182.0	10/23/84 12/12/84	48.0 NM-9	134.0 5050	5050	10S/16E-32D02 M	202.0	11/10/84 01/30/85	60.2 NM-4	141.8	5001
08S/14E-26H01 M	183.0	10/23/84 12/12/84	68.0 NM-9	115.0 5050	5050	11S/14E-01R01 M	150.0	11/10/84 01/25/85	25.5 35.7	124.5 114.3	5001
08S/14E-33R01 M	159.5	11/05/84 01/23/85	10.0 NM-5	149.5 5001	5001	11S/14E-03G01 M	143.0	11/08/84 02/01/85	9.9 NM-5	133.1	5001
08S/14E-35N01 M	174.5	11/05/84 01/23/85	64.5 DRY	110.0 5001	5001	11S/14E-04C01 M	135.0	11/08/84 02/01/85	10.1 11.5	124.9 123.5	5001
08S/15E-06H01 M	205.0	10/16/84	18.0	187.0	5525	11S/14E-07N01 M	127.5	10/02/84 02/11/85 09/30/85	40.4 NM-9 NM-4	87.1	5001
08S/15E-07J01 M	205.0	10/24/84 12/12/84	60.0 58.0	145.0 147.0	5050	11S/14E-08R01 M	132.5	10/02/84 02/11/85 09/30/85	21.9 11.2 32.1	110.6 121.3 100.4	5001
08S/15E-15P01 M	220.0	10/24/84 12/12/84	89.0 81.0	131.0 139.0	5050	11S/14E-09A03 M	136.5	10/02/84 02/11/85 09/30/85	18.6 15.6 NM-1	117.9 120.9	5001
08S/15E-16C01 M	215.0	10/24/84 12/12/84	77.5 72.0	137.5 143.0	5050	11S/14E-12E01 M	148.0	10/02/84 02/11/85	19.2 NM-9	128.8	5001
08S/15E-24C01 M	239.0	10/24/84	99.5	139.5	5050	11S/14E-13R01 M	150.0	10/03/84 02/11/85	31.5 24.4	118.5 126.6	5001
08S/15E-25J01 M		10/01/84 02/04/85	NM-7 NM-9		50C1	11S/14E-16A01 M	135.5	10/03/84 02/11/85	NM-1 17.5	118.0	5001
08S/15E-26L01 M	224.0	10/24/84	114.0	110.0	5050	11S/14E-17J01 M	130.5	10/03/84 02/11/85	10.7 10.3	119.8 120.2	5001
08S/15E-28R01 M		12/12/84	NM-9		5050	11S/14E-25L02 M	146.0	10/03/84 02/11/85	32.1 32.3	113.9 113.7	5001
08S/15E-29L01 M	205.0	10/24/84 12/12/84	43.5 47.0	161.5 158.0	5050	11S/14E-33L01 M	135.0	10/03/84 02/11/85	NM-1 13.1	121.9	5001
08S/16E-19D01 M	243.0	10/24/84 12/12/84	88.0 104.0	155.0 139.0	5050	11S/14E-33N01 M	134.0	10/03/84 02/11/85	NM-1 16.9	117.1	5001
08S/16E-33R01 M	271.0	11/05/84 02/04/85	143.8 136.0	127.2 135.0	50C1	11S/14E-36R01 M		10/03/84	NM-4		5001
B-08.J	FAHR CREEK HA										
06S/13E-07H01 M	214.0	10/25/84	99.0	115.0	5525						
08S/16E-34J01 M	280.0	11/01/84 02/04/85	131.4 140.9	148.6 139.1	5001						
09S/17E-04K01 M	335.0	10/01/84 02/04/85	NM-7 147.9		5001						
09S/17E-06J01 M	316.0	10/03/84 02/05/85	64.5 70.1	251.5 245.9	50C1						
09S/17E-07D01 M	287.0	11/07/84 02/04/85	47.0 47.5	240.0 239.5	50C1						
B-08.K	GRAVELLY FORD HA										
10S/13E-13J01 M	131.0	10/01/84 02/05/85	38.4 44.0	92.6 87.0	5001						
10S/13E-22R01 M	119.0	10/02/84 02/05/85	NM-1 17.9		50C1						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.K	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA					8 8-08 8-08.K	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA				
11S/14E-36R01 M		02/11/85	NM-4		5001	12S/14E-21H01 M	146.0	10/03/84 02/07/85	10.2 11.9	135.8 134.1	5001
11S/15E-01A01 M	188.0	10/01/84 01/31/85	44.0 39.6	144.0 148.4	5001	12S/14E-21P01 M	145.0	10/03/84 02/07/85 09/30/85	13.4 NM-9 12.7	131.6 132.3	5001
11S/15E-01H02 M	187.0	11/10/84 01/31/85	57.0 60.9	130.0 126.5	5001	12S/14E-25H01 M	150.0	10/03/84 02/07/85 09/30/85	16.0 16.9 NM-9	134.0 133.1	5001
11S/15E-02C01 M	177.0	11/10/84 01/31/85	26.3 43.5	150.7 133.5	5001	12S/14E-26M01 M	146.5	10/03/84 02/07/85 09/30/85	7.4 9.1 6.2	139.1 137.4 140.3	5001
11S/15E-02R01 M	179.0	10/01/84 01/31/85	56.0 45.9	123.0 133.1	5001	12S/14E-27D01 M	145.5	10/03/84 02/07/85 09/30/85	10.5 9.0 10.0	135.0 136.5 135.5	5001
11S/15E-07R01 M	157.0	11/10/84 02/01/85	NM-4 30.4	126.6	5001	12S/15E-01R01 M	175.5	10/03/84 02/07/85 09/30/85	88.1 77.2 92.0	87.4 98.3 83.5	5001
11S/15E-10J01 M	172.0	10/01/84 01/31/85	57.8 50.9	114.2 121.1	5001	12S/15E-11R01 M	170.5	10/03/84 02/07/85 09/30/85	94.9 NM-1 95.5	75.6 75.0	5001
11S/15E-14G01 M	175.0	10/01/84 01/31/85	67.9 42.3	107.1 132.7	5001	12S/15E-12R01 M		10/04/84 02/12/85	NM-4 NM-4		5001
11S/15E-17P01 M	156.0	10/03/84 02/11/85	31.5 NM-9	124.5	5001	12S/15E-13R01 M	174.0	10/04/84 02/12/85	100.0 67.5	74.0 106.5	5001
11S/15E-20Q01 M	158.4	10/03/84 02/11/85	43.1 36.1	115.3 122.3	5001	12S/15E-16A01 M	161.0	10/04/84 02/12/85	42.9 NM-9	118.1	5001
11S/15E-25A01 M	180.0	10/01/84 01/31/85	86.0 65.9	94.0 114.1	5001	12S/15E-17E01 M		10/04/84 02/12/85	NM-7 NM-9		5001
11S/15E-26R01 M	175.0	10/03/84 02/11/85	NM-5 18.8	156.2	5001	12S/15E-23A01 M	170.0	10/04/84 02/12/85	82.5 2.5	87.5 167.5	5001
11S/15E-29H01 M	157.5	10/03/84 02/11/85	NM-1 39.2	118.3	5001	12S/15E-25G02 M	172.5	10/04/84 02/12/85	92.8 55.4	79.7 117.1	5001
11S/15E-30A01 M	193.0	10/03/84 02/11/85	40.1 33.4	112.9 119.6	5001	12S/15E-27C01 M	163.0	10/04/84 02/12/85	49.4 NM-9	113.6	5001
11S/15E-31J01 M	151.0	10/03/84 02/11/85	50.6 NM-9	100.4	5001	12S/15E-29C01 M	154.5	10/04/84 02/12/85	27.0 24.7	127.5 129.8	5001
11S/15E-35P01 M		10/03/84 02/11/85	NM-1 NM-9		5001	12S/15E-32B02 M	155.0	10/04/84 02/12/85	24.5 23.4	130.5 131.6	5001
11S/16E-17D01 M	190.5	10/05/84 02/01/85	101.9 60.1	88.6 130.4	5001	12S/15E-33R01 M	160.0	10/04/84 02/12/85	26.1 NM-9	133.9	5001
11S/16E-18D01 M	183.0	10/05/84 02/01/85	76.5 61.5	106.5 121.5	5001	12S/15E-34K01 M	163.0	10/04/84 02/12/85	34.6 29.4	128.4 133.6	5001
11S/16E-19R01 M	186.0	10/05/84 01/31/85	95.7 64.9	90.3 121.1	5001	12S/15E-34R01 M	166.0	10/04/84 02/12/85	36.6 31.3	129.4 134.7	5001
11S/16E-32R01 M	190.9	10/05/84 01/31/85	87.6 80.4	103.3 110.5	5001	12S/16E-02N01 M	200.6	10/01/84 01/30/85 09/30/85	69.1 61.9 65.4	131.5 138.7 135.2	5001
11S/16E-34D01 M	200.0	10/05/84 01/31/85	84.0 78.6	116.0 121.4	5001	12S/16E-04A01 M	195.0	10/03/84 01/30/85	76.2 74.2	118.8 120.8	5001
11S/17E-14H02 M	257.5	10/05/84 02/01/85	80.1 76.4	177.4 181.1	5001	12S/16E-06A01 M	183.7	10/04/84 02/11/85	103.0 95.9	80.7 87.8	5001
11S/17E-16H01 M	248.0	10/05/84 02/01/85	101.2 86.5	146.8 161.5	5001	12S/16E-16R01 M	191.0	10/03/84 01/30/85	85.1 70.8	105.9 120.2	5001
11S/17E-17C01 M	225.0	10/05/84 02/01/85	90.3 79.1	134.7 145.9	5001	12S/16E-17R01 M		10/04/84	NM-6		5001
11S/17E-18B01 M	232.0	10/05/84 02/01/85	80.2 74.9	151.8 157.1	5001	12S/16E-19P01 M	175.5	10/04/84 02/11/85	97.2 63.0	78.3 112.5	5001
11S/17E-18N01 M	225.0	10/04/84 02/01/85	97.1 75.6	127.9 149.4	5001	12S/16E-23A01 M	205.4	10/03/84 01/30/85	89.1 78.2	116.3 127.2	5001
11S/17E-19P01 M	226.8	10/04/84 01/31/85	83.1 81.6	143.7 145.2	5001	12S/16E-23H01 M	202.5	10/04/84 02/11/85	NM-1 105.8	96.7	5001
11S/17E-24D02 M	266.0	10/04/84 01/31/85	93.7 83.9	172.3 182.1	5001	12S/16E-24A02 M	209.5	10/03/84 01/30/85	85.7 NM-0	123.8	5001
11S/17E-27C01 M	250.6	10/04/84 01/31/85	88.8 81.3	161.8 169.3	5001	12S/16E-25A01 M	208.0	10/03/84 01/30/85	75.9 63.8	132.1 144.2	5001
11S/17E-28A01 M	247.0	10/04/84 01/31/85	98.6 85.2	148.4 161.8	5001	12S/16E-26H01 M	200.0	10/04/84 02/11/85	84.9 65.3	115.1 134.7	5001
11S/17E-32C01 M	234.1	10/04/84 01/31/85	94.0 77.9	140.1 156.2	5001	12S/16E-26R01 M	201.6	10/04/84 02/11/85	NM-4 70.6		5001
11S/17E-32R01 M	236.1	10/04/84 01/31/85	92.7 83.8	143.4 152.3	5001	12S/16E-31G01 M	177.9	10/04/84 02/11/85	74.9 59.9	102.6 117.6	5001
11S/17E-33H01 M	245.0	10/04/84 01/31/85	98.0 87.0	147.0 158.0	5001	12S/16E-36A01 M	207.2	10/03/84 01/30/85	72.9 61.9	134.3 145.3	5001
11S/17E-35C01 M	255.9	10/04/84 01/31/85	97.8 89.9	158.1 166.0	5001	12S/17E-20P01 M	218.0	10/03/84 01/30/85	83.4 72.9	134.6 145.1	5001
12S/14E-01H01 M		10/03/84 02/11/85	NM-7 NM-4		5001	13S/15E-02G01 M	164.5	10/10/84	38.1	126.4	5001
12S/14E-04P01 M	135.0	10/03/84 02/07/85	14.0 17.8	121.0 117.2	5001						
12S/14E-12H01 M	146.0	10/03/84 02/07/85	NM-7 19.4	126.6	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.K	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA					8 8-08 8-08.K	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA				
13S/15E-02G01 M	164.5	02/11/85	30.4	134.1	5001	13S/16E-22J01 M	191.0	10/04/84 02/08/85	45.0 NM-1	146.0	5001
13S/15E-11B01 M	165.0	10/05/84 02/11/85	36.6 30.3	128.4 134.7	5001	13S/16E-22J02 M	190.0	10/04/84 02/08/85	53.3 NM-5	136.7	5001
13S/15E-14M01 M	164.0	10/10/84 02/06/85	37.6 31.0	126.4 133.0	5001	13S/16E-23A01 M	195.0	10/04/84 02/06/85	49.2 42.5	145.8 152.5	5001
13S/15E-17A02 M	159.0	10/10/84 02/12/85	15.3 25.9	143.7 133.1	5001	13S/16E-23A02 M	195.0	10/04/84 02/06/85	20.7 18.2	174.3 176.8	5001
13S/15E-20G01 M	160.0	10/10/84 02/07/85	17.2 12.8	142.8 147.2	5001	13S/16E-23M01 M	190.5	10/04/84 02/06/85	41.5 33.5	149.0 157.0	5001
13S/15E-20G02 M	160.0	10/10/84 02/07/85	21.7 20.9	138.3 139.1	5001	13S/16E-24C01 M	190.0	10/04/84 02/06/85	NM-9 24.9		5001
13S/15E-21K01 M	161.0	10/04/84 02/07/85	16.5 13.7	144.5 147.3	5001	13S/16E-26A01 M	191.0	10/04/84 02/08/85	32.6 48.5	158.4 142.5	5001
13S/15E-25F01 M	170.0	10/04/84 02/07/85	44.2 44.0	125.8 126.0	5001	13S/16E-26J01 M	191.0	10/04/84 02/08/85	67.3 43.4	123.7 147.6	5001
13S/15E-25L01 M	170.0	10/04/84 02/07/85	44.4 56.8	125.6 113.2	5001	13S/16E-28A01 M	184.5	10/04/84 02/08/85	66.8 38.0	117.7 146.5	5001
13S/15E-25M02 M	170.0	10/04/84 02/07/85	42.4 44.0	127.6 126.0	5001	13S/16E-28E01 M	181.0	10/04/84 02/08/85	55.9 42.6	125.1 138.4	5001
13S/15E-26B01 M	165.0	10/04/84 02/07/85	44.7 NM-1	120.3	5001	13S/16E-28H01 M	180.0	10/04/84 02/08/85	59.6 45.8	120.4 134.2	5001
13S/15E-26G01 M	170.0	10/04/84 02/07/85	36.9 54.6	133.1 115.4	5001	13S/16E-28J01 M	180.0	10/04/84 02/08/85	NM-1 6.5		5001
13S/15E-26K01 M	170.0	10/05/84 02/07/85	35.8 61.9	134.2 108.1	5001	13S/16E-29F01 M	175.0	10/04/84 02/08/85	68.5 45.4	106.5 129.6	5001
13S/15E-36B02 M	170.5	10/05/84 02/07/85	38.3 17.7	132.2 152.8	5001	13S/16E-29J01 M	180.0	10/04/84 02/08/85	NM-1 41.0		5001
13S/15E-36C01 M		10/05/84	NM-6		5001	13S/16E-29K03 M	178.0	10/04/84 02/08/85	76.3 46.0	101.7 132.0	5001
13S/15E-36C02 M	170.0	10/05/84 02/07/85	18.5 NM-1	151.5	5001	13S/16E-30A01 M	175.0	10/04/84 02/06/85	59.2 30.7	115.8 144.3	5001
13S/16E-02C01 M	195.0	10/03/84 01/30/85	82.5 59.8	112.5 135.2	5001	13S/16E-30B01 M	175.0	10/04/84 02/06/85	72.5 36.5	102.5 138.5	5001
13S/16E-02C03 M	194.0	10/03/84 01/30/85	83.0 60.3	111.0 133.7	5001	13S/16E-30J03 M	175.0	10/04/84 02/06/85	69.7 42.0	105.3 133.0	5001
13S/16E-02F01 M	193.2	10/05/84 02/12/85	78.1 67.6	115.1 125.6	5001	13S/16E-30L01 M	175.0	10/04/84 02/06/85	64.0 17.0	111.0 158.0	5001
13S/16E-03L01 M		10/05/84 02/06/85	NM-5 72.7		5001	13S/16E-30Q01 M	175.0	10/04/84 02/06/85	NM-1 31.3		5001
13S/16E-05C01 M	179.0	10/05/84 02/06/85	64.9 60.7	114.1 118.3	5001	13S/16E-30R01 M		10/04/84 02/06/85	NM-1 NM-4		5001
13S/16E-05G02 M		10/05/84 02/06/85	NM-5 NM-5		5001	13S/17E-18J01 M	197.0	10/03/84 02/11/85	19.0 19.7	178.0 177.3	5001
13S/16E-06M02 M		10/05/84 02/06/85	NM-5 NM-9		5001	13S/17E-18M01 M	195.0	10/03/84 02/11/85	16.5 NM-1	178.5	5001
13S/16E-07R01 M	175.0	10/05/84 02/06/85	64.2 58.1	108.8 116.9	5001	13S/17E-18P01 M	196.0	10/03/84 02/11/85	24.5 NM-1	171.5	5001
13S/16E-08H01 M		10/05/84 02/06/85	NM-4 56.5		5001	13S/17E-19C01 M	201.0	10/03/84 02/11/85	35.7 32.4	165.3 168.6	5001
13S/16E-14H02 M	195.0	10/05/84 02/06/85	46.9 35.1	148.1 159.9	5001						
13S/16E-15H01 M	189.0	10/05/84 02/06/85	65.9 NM-3	123.1	5001	8-08.L	MADERA HA				
13S/16E-16D02 M	178.0	10/05/84 02/06/85	63.9 52.6	114.1 125.4	5001	09S/14E-25A01 M	185.0	11/07/84 01/23/85	27.5 38.5	157.5 146.5	5001
13S/16E-18H01 M	174.9	10/05/84 02/06/85	56.2 53.3	118.7 121.6	5001	09S/14E-26J01 M	175.0	11/08/84 01/23/85	54.7 37.6	120.3 137.4	5001
13S/16E-19J01 M	175.0	10/05/84 02/06/85	57.5 38.1	117.5 136.9	5001	09S/14E-33A01 M	161.0	10/01/84 01/30/85	76.5 58.5	84.5 102.5	5001
13S/16E-19K01 M	173.0	10/05/84 02/06/85	55.8 36.0	117.2 137.0	5001	09S/14E-33F01 M	157.0	10/01/84 01/30/85	NM-1 62.0		5001
13S/16E-19P01 M		10/05/84 02/06/85	NM-9 34.2		5001	09S/14E-33L01 M	157.0	10/01/84 01/30/85	60.0 60.0	97.0 97.0	5001
13S/16E-20J01 M	180.0	10/05/84 02/06/85	49.6 40.5	130.4 139.5	5001	09S/14E-35J01 M	175.5	11/08/84 01/23/85	39.0 92.2	136.5 83.3	5001
13S/16E-20L01 M		10/05/84 02/06/85	NM-4 NM-1		5001	09S/14E-36C01 M	178.0	11/08/84 02/05/85	53.0 63.0	125.0 115.0	5001
13S/16E-21J01 M	187.0	10/04/84 02/08/85	62.3 39.0	124.7 148.0	5001	09S/15E-22N01 M	212.0	11/07/84 01/24/85	81.5 72.7	130.5 139.3	5001
13S/16E-22B01 M	190.0	10/04/84 02/08/85	48.7 36.2	141.3 153.8	5001	09S/15E-23J02 M	226.0	11/07/84 01/24/85	101.0 91.0	125.0 135.0	5001
13S/16E-22F01 M	187.0	10/04/84 02/08/85	65.3 NM-1	121.7	5001	09S/15E-27Q01 M	216.2	11/07/84 01/24/85	NM-9 87.4		5001
						09S/15E-28A02 M	208.0	11/07/84 01/24/85	61.3 NM-5	146.7	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA					8 8-08 8-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA				
09S/15E-28R01 M	207.0	11/07/84 01/22/85	47.8 52.5	159.2 154.5	50C1	10S/15E-12C02 M	216.0	11/10/84 02/01/85	67.5 NM-5	148.5	5001
09S/15E-30G01 M	190.0	11/08/84 01/22/85	34.5 66.5	155.5 123.5	5001	10S/15E-12P01 M	211.5	11/10/84 02/01/85	59.1 60.1	152.4 151.4	5001
09S/15E-31J01 M	187.0	11/08/84 01/22/85	44.4 NM-4	142.6	5001	10S/15E-14001 M	201.0	11/12/84 01/31/85	59.3 57.9	141.7 143.1	5001
09S/15E-32R01 M	198.0	11/08/84 01/22/85	49.5 NM-4	148.5	5001	10S/15E-16R02 M	189.5	11/12/84 01/31/85	44.5 54.0	145.0 135.5	5001
09S/15E-33J02 M	205.0	11/08/84 01/22/85	62.5 58.5	142.5 146.5	5001	10S/15E-17G01 M	184.0	11/12/84 01/31/85	43.5 42.2	140.5 141.8	5001
09S/15E-34J01 M	209.0	11/08/84 01/22/85	71.5 66.0	137.5 143.0	5001	10S/15E-18L01 M	174.0	11/12/84 01/31/85	41.6 57.3	132.4 116.7	5001
09S/15E-35C01 M	214.8	11/08/84 01/22/85	80.1 79.5	134.7 135.3	5001	10S/15E-18M02 M	173.0	11/12/84 01/31/85	45.5 46.0	127.5 127.0	5001
09S/16E-16M01 M	252.0	11/01/84 01/28/85	139.0 128.8	113.0 123.2	5001	10S/15E-19F01 M	173.0	11/12/84 01/31/85	42.0 NM-3	131.0	5001
09S/16E-20E01 M	246.0	11/01/84 01/28/85	100.0 70.0	146.0 176.0	5001	10S/15E-20C04 M		11/12/84 01/31/85	NM-5 67.0		5001
09S/16E-20P02 M	250.0	11/01/84 02/04/85	59.0 77.0	191.0 173.0	5001	10S/15E-22K01 M	188.0	11/12/84 01/31/85	47.2 57.5	140.8 130.5	5001
09S/16E-27A01 M	268.0	10/18/84 01/28/85	143.0 117.9	125.0 150.1	5001	10S/15E-23C01 M	197.0	11/10/84 01/31/85	45.5 47.3	151.5 149.7	5001
09S/16E-28A01 M	258.5	10/18/84 01/28/85	133.9 125.9	124.6 132.6	5001	10S/15E-23K01 M	195.5	11/10/84 01/31/85	43.0 67.5	152.5 128.0	5001
09S/16E-29Q02 M	239.0	11/07/84 01/29/85	61.0 62.6	178.0 176.4	5001	10S/15E-25A01 M	196.5	11/10/84 01/31/85	49.5 58.9	147.0 137.6	5001
09S/16E-31P01 M		11/07/84 01/29/85	NM-9 NM-4		5001	10S/15E-26A01 M	195.5	11/10/84 01/31/85	57.1 61.5	138.4 134.0	5001
09S/16E-33F02 M		11/07/84	NM-6		5001	10S/15E-27D03 M	184.0	11/12/84 01/31/85	41.5 57.9	142.5 126.1	5001
09S/16E-34J01 M	259.0	11/07/84 01/29/85	95.5 59.0	163.5 200.0	5001	10S/15E-27R01 M	186.0	11/12/84 01/31/85	54.5 51.0	131.5 135.0	5001
10S/14E-01A01 M	179.6	11/08/84 01/24/85	60.5 41.5	119.1 138.1	5001	10S/15E-29A02 M	177.5	11/12/84 01/31/85	45.3 49.0	132.2 128.5	5001
10S/14E-01R02 M	177.0	11/08/84 01/24/85	41.3 91.0	135.7 86.0	5001	10S/15E-31C01 M	162.5	11/12/84 01/31/85	43.3 47.0	119.2 115.5	5001
10S/14E-02L01 M	166.0	11/08/84 02/04/85	49.0 57.0	117.0 109.0	50C1	10S/15E-32L01 M	165.5	11/12/84 01/30/85	41.3 39.5	124.2 126.0	5001
10S/14E-03A01 M	165.5	11/08/84 02/04/85	47.5 53.7	118.0 111.8	5001	10S/15E-32L02 M	166.5	11/12/84 01/30/85	36.5 NM-4	130.0	5001
10S/14E-09A03 M	154.5	11/08/84 01/25/85	64.0 62.5	90.5 92.0	50C1	10S/15E-34L01 M	180.9	11/12/84 01/30/85	49.5 43.5	131.4 137.4	5001
10S/14E-10H01 M	161.0	11/08/84 01/25/85	70.0 57.0	91.0 104.0	5001	10S/15E-35A02 M	186.0	11/10/84 01/31/85	29.2 40.0	156.8 146.0	5001
10S/14E-11R01 M	171.4	11/08/84 01/25/85	50.1 NM-4	121.3	50C1	10S/15E-35J01 M	188.0	11/10/84 01/30/85	50.0 47.5	138.0 140.5	5001
10S/14E-15H01 M	160.5	11/08/84 01/25/85	56.6 NM-4	103.9	50C1	10S/15E-36A01 M	190.0	11/10/84 01/31/85	51.0 51.0	139.0 139.0	5001
10S/14E-15J01 M	160.0	11/08/84 01/25/85	55.2 58.7	104.8 101.3	5001	10S/16E-04H01 M	236.0	11/10/84 01/29/85	86.0 74.0	150.0 142.0	5001
10S/14E-15R01 M	157.0	11/08/84 01/25/85	42.0 49.9	115.0 107.1	5001	10S/16E-05C01 M	234.0	11/10/84 01/29/85	93.1 NM-9	140.9	5001
10S/15E-01E01 M	217.0	11/12/84 02/01/85	71.9 NM-9	145.1	5001	10S/16E-06R01 M	226.0	11/10/84 01/29/85	78.1 NM-4	147.9	5001
10S/15E-02Q01 M	212.5	11/12/84 02/01/85	61.5 NM-6	151.0	50C1	10S/16E-07M01 M	219.0	11/10/84 01/29/85	74.5 66.6	144.5 152.4	5001
10S/15E-03E02 M	198.0	11/12/84 02/01/85	55.6 NM-4	142.4	50C1	10S/16E-09EC1 M	232.0	11/10/84 01/29/85	80.5 78.6	151.5 153.4	5001
10S/15E-03L01 M	202.0	11/12/84 02/01/85	43.5 50.0	158.5 152.0	5001	10S/16E-10N01 M	235.0	11/10/84 01/30/85	71.3 71.5	164.7 164.5	5001
10S/15E-05801 M	195.5	11/12/84 02/01/85	51.5 NM-3	144.0	50C1	10S/15E-14J01 M	245.5	11/10/84 01/30/85	112.1 109.5	133.4 136.0	5001
10S/15E-06L01 M	180.5	11/12/84 02/01/85	51.5 48.0	129.0 132.5	50C1	10S/16E-15F01 M	235.5	11/10/84 01/29/85	90.5 92.0	155.0 143.5	5001
10S/15E-07001 M		11/12/84 02/01/85	NM-4 NM-4		5001	10S/16E-17C01 M	222.0	11/10/84 01/29/85	68.4 66.7	153.6 155.3	5001
10S/15E-08C01 M	187.0	11/12/84 02/01/85	47.0 33.0	140.0 154.0	50C1	10S/16E-18002 M	212.0	11/10/84 01/29/85	64.8 NM-5	147.2	5001
10S/15E-09H01 M	191.0	11/12/84 02/01/85	47.5 NM-3	143.5	5001	10S/16E-19A01 M	210.0	11/10/84 01/30/85	54.0 53.0	156.0 157.0	5001
10S/15E-10K01 M	203.0	11/12/84 02/01/85	53.0 NM-5	150.0	50C1	10S/16E-19A02 M	210.0	11/10/84 01/30/85	60.0 58.7	150.0 151.3	5001
10S/15E-11H01 M	211.0	11/12/84 02/01/85	47.4 50.0	163.5 161.0	50C1	10S/16E-19J01 M	209.5	11/10/84	63.4	146.1	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B B-08 B-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA					B B-08 B-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA				
10S/16E-19J01 M	209.5	01/30/85	61.5	148.0	5001	11S/16E-28C01 M	193.0	01/31/85	77.3	115.7	5001
10S/16E-20A01 M	219.0	11/10/84 01/30/85	70.5 70.5	148.5 148.5	5001	11S/16E-29H01 M	190.8	10/05/84 01/31/85	83.7 74.0	107.1 116.8	5001
10S/16E-21J01 M	223.5	11/10/84 01/30/85	80.1 87.5	145.4 138.0	5001	11S/16E-35H01 M	213.0	10/05/84 01/31/85	85.4 80.0	127.6 133.0	5001
10S/16E-25A01 M	244.9	10/05/84 02/01/85	119.2 104.4	125.7 140.5	5001	11S/16E-36J01 M	219.0	10/05/84 01/31/85	93.3 76.4	125.7 142.6	5001
10S/16E-25F02 M	237.5	10/05/84 02/01/85	116.5 95.6	121.0 141.9	5001	11S/16E-36Q01 M	217.0	10/05/84 01/31/85	93.1 79.1	123.9 137.9	5001
10S/16E-25Q01 M	235.0	10/05/84 02/01/85	94.7 89.5	140.3 145.5	5001	11S/17E-C4R01 M	255.0	10/05/84 02/01/85	104.0 94.4	151.0 160.6	5001
10S/16E-26B01 M	234.2	10/05/84 02/01/85	113.2 95.4	121.0 138.8	5001	11S/17E-06C01 M	233.0	10/05/84 02/01/85	98.7 86.9	134.3 146.1	5001
10S/16E-28B01 M	216.0	11/10/84 01/30/85	74.0 70.5	142.0 145.5	5001	11S/17E-06J01 M	236.9	10/05/84 02/01/85	100.5 91.0	136.4 145.9	5001
10S/16E-29A01 M	214.0	11/10/84 01/30/85	69.4 67.9	144.6 146.1	5001	11S/17E-07A01 M		10/05/84 02/01/85	NM-1 NM-0		5001
10S/16E-29R02 M	209.0	11/10/84 01/30/85	70.6 NM-5	138.4	5001	11S/17E-08H01 M	238.0	10/05/84 02/01/85	92.4 83.4	145.6 154.6	5001
10S/16E-30A01 M	205.0	11/10/84 01/30/85	65.0 56.5	140.0 148.5	5001	11S/18E-04E01 M		10/04/84 01/31/85	NM-1 69.8		5001
10S/16E-30D01 M	200.0	11/10/84 01/30/85	57.5 64.0	142.5 136.0	5001	11S/18E-07L01 M	290.0	10/04/84 01/25/85 09/30/85	76.3 65.6 79.0	213.7 224.4 211.0	5001
10S/16E-34H01 M	220.0	10/05/84 02/01/85	85.8 77.7	134.2 142.3	5001	11S/18E-08Q01 M	285.0	10/04/84 01/29/85 09/30/85	19.2 17.0 19.8	265.8 268.0 265.2	5001
10S/16E-36A01 M	239.2	10/05/84 02/01/85	93.6 86.4	145.6 152.8	5001	11S/18E-08Q02 M	285.0	10/04/84 01/29/85 09/30/85	20.2 20.3 20.9	264.8 264.7 264.1	5001
10S/16E-36Q01 M	232.0	10/05/84 02/01/85	93.5 86.6	138.5 145.4	5001	11S/18E-09A01 M	300.0	10/01/84 01/29/85 09/30/85	30.7 29.9 30.3	269.3 270.1 269.7	5001
10S/17E-30B02 M	250.0	10/01/84 02/01/85	129.6 98.5	120.4 151.5	5001	11S/18E-18A01 M	285.0	10/01/84 01/25/85 09/30/85	56.4 57.9 62.7	228.6 227.1 222.3	5001
10S/17E-31N01 M	233.0	10/05/84 02/01/85	88.3 80.1	144.7 152.9	5001	11S/18E-20W01 M	272.5	10/01/84 01/29/85 09/30/85	91.4 70.7 90.7	181.1 201.8 181.8	5001
10S/17E-34A02 M	265.0	10/01/84 01/25/85 09/30/85	113.7 110.9 122.5	151.3 154.1 142.5	5001	11S/18E-27F01 M	285.0	10/01/84 01/29/85 09/30/85	91.0 73.0 89.6	194.0 212.0 195.4	5001
11S/15E-04H01 M	169.2	11/10/84 01/30/85	16.5 21.5	152.7 147.7	5001	11S/18E-27H01 M	264.0	10/01/84 01/29/85 09/30/85	91.8 86.1 90.1	192.2 197.9 193.9	5001
11S/15E-09C01 M	164.0	11/10/84 01/30/85	19.3 21.5	144.7 142.5	5001	11S/18E-28P01 M	277.0	10/01/84 01/29/85 09/30/85	95.7 89.8 93.2	181.3 187.2 183.8	5001
11S/16E-03A01 M	220.0	10/05/84 02/01/85	88.8 78.7	131.2 141.3	5001	11S/18E-29H01 M	274.5	10/01/84 01/29/85 09/30/85	88.4 90.7 88.1	186.1 183.8 186.4	5001
11S/16E-03C01 M	215.0	10/05/84 02/01/85	88.0 71.3	127.0 143.7	5001	11S/18E-30Q01 M	265.0	10/01/84 01/29/85	79.4 78.5	185.6 186.5	5001
11S/16E-05H01 M	204.0	10/05/84 02/01/85	91.5 63.6	112.5 140.4	5001	11S/18E-31A03 M	265.0	10/01/84 01/29/85	96.0 77.1	169.0 187.9	5001
11S/16E-08L01 M	194.5	10/05/84 02/01/85	97.0 56.4	97.5 138.1	5001	11S/18E-33D01 M	275.0	10/01/84 01/29/85 09/30/85	100.0 91.2 99.3	175.0 183.8 175.7	5001
11S/16E-10M01 M	204.0	10/05/84 02/01/85	61.9 60.1	142.1 143.9	5001	11S/18E-34B01 M	280.0	10/01/84 01/29/85 09/30/85	90.3 89.5 90.5	189.7 190.5 189.5	5001
11S/16E-11E01 M	218.5	10/05/84 02/01/85	85.7 76.8	132.8 141.7	5001	12S/16E-12H01 M	215.0	10/03/84 01/30/85	95.7 71.7	119.3 143.3	5001
11S/16E-12K01 M	220.0	10/05/84 02/01/85	86.1 72.5	133.9 147.5	5001	12S/17E-G1J02 M	254.3	10/03/84 01/30/85	78.8 74.8	175.5 179.5	5001
11S/16E-14R01 M	216.0	10/05/84 02/01/85	84.0 68.7	132.0 147.3	5001	12S/17E-02J01 M	247.0	10/03/84 01/30/85	79.6 78.1	167.4 168.9	5001
11S/16E-15L01 M	205.0	10/05/84 02/01/85	84.1 72.5	120.9 132.5	5001	12S/17E-03C01 M	243.7	10/03/84 01/30/85	91.7 81.8	152.0 161.9	5001
11S/16E-16D01 M	197.0	10/05/84 02/01/85	76.7 56.8	120.3 140.2	5001	12S/17E-03F01 M	239.3	10/03/84 01/30/85	82.7 75.6	156.6 163.7	5001
11S/16E-21A01 M	201.0	10/05/84 01/31/85	101.7 63.9	99.3 137.1	5001	12S/17E-04L01 M	237.0	10/03/84 01/30/85	88.7 82.2	148.3 154.8	5001
11S/16E-22K01 M	202.0	10/05/84 01/31/85	111.9 65.5	90.1 136.5	5001	12S/17E-06A03 M	225.0	10/03/84 01/30/85	83.9 75.2	142.1 150.8	5001
11S/16E-24M01 M	217.5	10/05/84 01/31/85	81.5 63.0	136.0 154.5	5001	12S/17E-C6R01 M	226.0	10/03/84 01/30/85	96.9 75.7	129.1 150.3	5001
11S/16E-26A01 M	215.9	10/05/84 01/31/85	82.4 71.5	133.5 144.4	5001						
11S/16E-26L01 M	212.0	10/05/84 01/31/85	103.2 72.9	108.8 139.1	5001						
11S/16E-27H01 M	206.0	10/05/84 01/31/85	122.3 67.9	83.7 138.1	5001						
11S/16E-28C01 M	193.0	10/05/84	93.0	100.0	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA					8 8-08 8-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA				
12S/17E-08601 M	229.0	10/03/84 01/30/85	84.8 77.3	144.2 151.7	5001	12S/18E-09P01 M	269.0	01/29/85	67.1	197.9	5001
12S/17E-08602 M	230.0	10/03/84 01/30/85	95.0 77.1	135.0 152.9	5001	12S/18E-10001 M	266.1	10/01/84 01/28/85	80.3 80.6	185.8 185.5	5001
12S/17E-09J01 M	231.7	10/03/84 01/30/85	73.5 67.5	158.2 164.2	5001	12S/18E-10R01 M	273.0	10/01/84 01/28/85	67.7 71.0	205.3 202.0	5001
12S/17E-10H01 M	239.0	10/03/84 01/30/85	80.0 70.3	159.0 168.7	5001	12S/18E-12N01 M	280.0	10/01/84 01/28/85	82.6 81.7	197.4 196.3	5001
12S/17E-11001 M	241.0	10/03/84 01/30/85	79.2 71.8	161.8 169.2	5001	12S/18E-13R01 M	287.0	10/01/84 01/28/85	81.2 79.5	205.8 207.5	5001
12S/17E-11J01 M	246.0	10/03/84 01/30/85	86.8 71.4	159.2 174.6	5001	12S/18E-13R02 M	287.0	10/01/84 01/28/85	84.0 81.1	203.0 205.9	5001
12S/17E-13J01 M	250.0	10/03/84 01/30/85	69.2 65.0	180.8 185.0	5001	12S/18E-16A01 M	268.0	10/02/84 01/28/85	66.5 65.7	201.5 202.3	5001
12S/17E-13K01 M	248.0	10/03/84 01/30/85	76.9 67.0	171.1 181.0	5001	12S/18E-16K01 M	265.0	10/02/84 01/28/85	74.9 71.6	190.1 193.2	5001
12S/17E-14F01 M	241.8	10/03/84 01/30/85	70.0 70.6	171.8 171.2	5001	12S/18E-16001 M	267.5	10/02/84 01/28/85	68.7 68.4	198.8 199.1	5001
12S/17E-15J01 M	236.8	10/03/84 01/30/85	70.0 71.4	166.8 165.4	5001	12S/18E-17L01 M	258.0	10/02/84 01/28/85	69.5 62.7	188.5 195.3	5001
12S/17E-16A02 M	230.0	10/03/84 01/30/85	78.0 64.0	152.0 166.0	5001	12S/18E-19H01 M	252.0	10/02/84 01/28/85	64.8 58.4	187.2 193.6	5001
12S/17E-18A02 M	220.7	10/03/84 01/30/85	77.7 68.8	143.0 151.9	5001	12S/18E-20P01 M	257.0	10/02/84 01/29/85	62.7 59.1	194.3 197.9	5001
12S/17E-21H01 M	228.0	10/03/84 01/30/85	77.6 74.5	150.4 153.5	5001	12S/18E-21601 M	265.0	10/02/84 01/29/85	74.7 67.5	190.3 197.5	5001
12S/17E-23C01 M	237.0	10/03/84 01/30/85	64.5 60.4	172.5 176.6	5001	12S/18E-24P01 M	288.6	10/01/84 01/28/85	80.2 69.8	208.4 218.8	5001
12S/17E-24H01 M	246.0	10/03/84 01/30/85	68.3 56.2	177.7 189.8	5001	12S/18E-25B01 M	284.0	10/01/84 01/28/85	78.5 75.6	205.5 208.4	5001
12S/17E-26A01 M	236.8	10/03/84 01/30/85	64.1 52.3	172.7 184.5	5001	12S/18E-25L01 M	282.0	10/02/84 01/28/85	73.2 64.8	208.8 217.2	5001
12S/17E-26C01 M	235.0	10/03/84 01/30/85	62.1 53.4	172.9 181.6	5001	12S/18E-25M01 M	280.5	10/02/84 01/29/85	72.3 72.7	208.2 207.8	5001
12S/17E-26N01 M	233.0	10/03/84 01/30/85	64.5 57.6	168.5 175.4	5001	12S/18E-26D01 M	275.0	10/02/84 01/29/85	69.6 69.9	205.4 205.1	5001
12S/17E-29H02 M	219.8	10/03/84 01/30/85	76.1 57.7	143.7 162.1	5001	12S/18E-26L01 M	276.0	10/02/84 01/29/85	70.5 68.0	205.5 208.0	5001
12S/17E-31A01 M	213.5	10/03/84 01/30/85	70.1 59.4	143.4 154.1	5001	12S/18E-26R01 M	280.0	10/02/84 01/29/85	71.9 65.6	208.1 214.4	5001
12S/17E-32H01 M	219.4	10/03/84 01/30/85	60.6 54.9	158.8 164.5	5001	12S/18E-28J01 M	267.6	10/02/84 01/29/85	64.0 62.3	203.6 205.3	5001
12S/17E-34A01 M	230.0	10/03/84 01/30/85	53.9 48.3	176.1 181.7	5001	12S/18E-30C01 M	249.1	10/02/84 01/29/85	60.8 60.2	188.3 188.9	5001
12S/17E-34D01 M	226.7	10/03/84 01/30/85	57.1 49.8	169.6 176.9	5001	12S/18E-30D01 M	245.0	10/02/84 01/29/85	69.8 64.6	175.2 180.4	5001
12S/17E-34R01 M	235.0	10/03/84 01/30/85	50.5 50.5	184.5 184.5	5001	12S/18E-31J01 M	254.0	10/02/84 01/29/85	69.6 55.7	184.4 198.3	5001
12S/17E-35R01 M	239.0	10/03/84 01/30/85	43.9 43.2	195.1 195.8	5001	12S/18E-32E01 M	253.2	10/02/84 01/29/85	63.9 56.2	189.3 197.0	5001
12S/17E-36B01 M	245.0	10/03/84 01/30/85	59.3 51.4	185.7 193.6	5001	12S/18E-33C01 M	260.6	10/02/84 01/29/85	68.7 54.7	191.9 205.9	5001
12S/17E-36K01 M	244.5	10/03/84 01/30/85	57.5 52.9	187.0 191.6	5001	12S/18E-34L01 M	270.0	10/02/84 01/29/85	61.6 61.1	208.4 208.9	5001
12S/18E-03D01 M	275.0	10/01/84 01/28/85	82.5 83.2	192.5 191.8	5001	12S/18E-34001 M	265.0	10/02/84 01/29/85	55.4 53.8	209.6 211.2	5001
12S/18E-04C01 M	273.0	10/01/84 01/28/85	86.1 83.3	186.9 189.7	5001	12S/18E-35601 M	278.0	10/02/84 01/29/85	68.7 67.0	209.3 211.0	5001
12S/18E-04L01 M	267.0	10/02/84 01/28/85	76.0 76.0	191.0 191.0	5001	12S/18E-36P01 M	280.0	10/02/84 01/29/85	68.0 66.1	212.0 213.9	5001
12S/18E-04R01 M	270.9	10/02/84 01/29/85	77.7 73.6	193.2 197.3	5001	12S/19E-18P01 M	294.0	10/02/84 01/25/85	85.3 86.5	208.7 207.5	5001
12S/18E-05A01 M	270.2	10/02/84 01/29/85	85.9 80.7	184.3 189.5	5001	12S/19E-20A01 M	302.0	10/01/84 01/25/85	76.6 93.5	225.4 208.5	5001
12S/18E-05C01 M	265.0	10/02/84 01/29/85	87.9 79.5	177.1 185.5	5001	12S/19E-20001 M	294.1	10/01/84 01/25/85	81.1 79.3	213.0 214.8	5001
12S/18E-06J02 M	260.5	10/02/84 01/29/85	86.0 79.6	174.5 180.9	5001	12S/19E-29A01 M	304.2	10/01/84 01/25/85	88.4 85.4	215.8 218.8	5001
12S/18E-07H01 M	261.6	10/03/84 01/29/85	76.8 72.0	184.8 189.6	5001	12S/19E-31M03 M	286.0	10/01/84 01/25/85	69.5 69.6	216.5 216.4	5001
12S/18E-08001 M	260.0	10/02/84 01/29/85	69.4 62.1	190.6 197.9	5001	13S/17E-02M01 M	233.9	10/03/84 01/30/85	40.0 39.0	193.9 194.9	5001
12S/18E-09P01 M	265.0	10/02/84	68.3	196.7	5001	13S/17E-03H01 M	232.0	10/03/84 01/30/85	47.1 46.5	184.9 185.5	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.L	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU MADERA HA					8 8-08 8-08.M	SAN JOAQUIN HB SAN JOAQUIN VALLEY FLOOR HU BERENDA CREEK HA					
13S/17E-04R01 M	222.0	10/03/84 01/30/85	45.8 42.6	176.2 179.4	5001	09S/17E-19L01 M		292.0	11/07/84 01/29/85	160.5 78.5	131.5 213.5	5001
13S/17E-05L02 M	212.0	10/03/84 01/30/85	52.4 48.4	159.6 163.6	5001	09S/17E-20L01 M			11/07/84 01/28/85	NM-9 NM-3		5001
13S/17E-05P02 M	212.0	10/03/84 01/30/85	51.0 44.2	161.0 167.8	5001	09S/17E-25B01 M		339.0	10/03/84 02/05/85	84.8 76.4	253.2 261.6	5001
13S/17E-07A01 M	209.0	10/03/84 01/30/85	53.2 37.3	155.8 171.7	5001	09S/17E-30H01 M			11/08/84	NM-6		5001
13S/17E-07J03 M	206.0	10/03/84 01/30/85	39.4 35.1	166.6 170.9	5001	09S/17E-32A01 M		302.5	10/03/84 02/05/85	226.5 181.0	76.0 121.5	5001
13S/17E-08L01 M	209.0	10/03/84 01/30/85	31.0 60.1	178.0 148.9	5001	09S/17E-35L01 M		316.5	10/03/84 02/05/85	146.3 138.5	170.2 178.0	5001
13S/17E-08N01 M	201.0	10/03/84 01/30/85	20.7 21.9	180.3 179.1	5001	09S/18E-33C01 M		375.0	10/03/84 02/05/85	36.9 42.1	338.1 332.9	5001
13S/17E-09A01 M	220.0	10/03/84 01/30/85	45.9 40.0	174.1 180.0	5001	09S/18E-33001 M		362.0	10/03/84 02/05/85	80.0 60.6	282.0 301.4	5001
13S/17E-09R01 M	218.0	10/04/84 02/11/85	33.2 31.8	184.8 186.2	5001	10S/16E-01E01 M		261.0	11/10/84 01/29/85	141.5 79.4	119.5 181.6	5001
13S/17E-12J02 M	243.0	10/01/84 01/01/85	42.7 43.8	200.3 199.2	5001	10S/16E-12K01 M		260.0	11/10/84 01/30/85	134.0 NM-3	126.0	5001
13S/17E-17A01 M	205.0	10/03/84 02/11/85	15.8 8.2	189.2 196.8	5001	10S/16E-24J01 M		247.0	11/10/84 01/29/85	116.1 110.7	130.9 136.3	5001
13S/17E-17L01 M	198.0	10/03/84 02/11/85	18.8 19.0	179.2 179.0	5001	10S/17E-03F01 M		300.0	10/05/84 01/25/85 09/30/85	184.3 164.5 187.3	115.7 135.5 112.7	5001
13S/18E-01H01 M	282.0	10/05/84 02/07/85	70.0 67.5	212.0 214.5	5001	10S/17E-04E01 M		291.0	10/05/84 01/25/85 09/30/85	NM-1 180.0 200.1	111.0 90.9	5001
13S/18E-02C01 M	260.0	10/05/84 02/07/85	54.8 49.5	205.2 210.5	5001	10S/17E-09A01 M			10/02/84	NM-6		5001
13S/18E-03C02 M	265.0	10/03/84 01/29/85	55.5 53.0	209.5 212.0	5001	10S/17E-12C01 M		319.6	10/01/84 01/25/85 09/30/85	115.9 113.3 125.5	203.1 205.7 193.5	5001
13S/18E-03P01 M	265.0	10/05/84 02/07/85	55.3 55.3	209.7 209.7	5001	10S/17E-21M01 M		270.0	10/01/84 01/25/85 09/30/85	132.5 119.7 139.9	137.5 150.3 130.1	5001
13S/18E-04A01 M	261.0	10/02/84 01/29/85	56.7 47.1	204.3 213.9	5001	10S/17E-22D01 M		275.0	10/01/84 01/25/85 09/30/85	113.1 111.5 122.0	161.9 163.5 153.0	5001
13S/18E-04R01 M	262.0	10/02/84 01/29/85	56.5 58.2	205.5 203.8	5001	10S/17E-23A01 M		296.0	10/01/84 01/25/85 09/30/85	123.7 113.7 130.7	172.3 182.3 165.3	5001
13S/18E-05E01 M	252.5	10/02/84 01/29/85	62.0 50.7	190.5 201.8	5001	10S/18E-08L01 M		335.0	10/01/84 01/25/85	73.0 NM-0	262.0	5001
13S/18E-05J01 M	259.0	10/02/84 01/29/85	58.3 52.2	200.7 206.8	5001	10S/18E-08L02 M		331.0	10/01/84 01/25/85 09/30/85	NM-1 82.0 NM-1	249.0	5001
13S/18E-06F01 M	246.0	10/02/84 01/29/85	50.2 48.9	195.8 197.1	5001	10S/18E-09B01 M		348.0	10/01/84 01/25/85 09/30/85	82.7 80.3 87.2	265.3 267.7 260.8	5001
13S/18E-06K01 M	250.0	10/02/84 01/29/85	52.2 43.0	197.8 207.0	5001	10S/18E-09C01 M		348.0	10/01/84 01/25/85 09/30/85	97.9 80.9 103.0	250.1 267.1 245.0	5001
13S/18E-07G01 M	227.0	10/06/84 02/07/85	26.0 27.4	201.0 199.6	5001	10S/18E-10K01 M		350.0	10/01/84 01/25/85 09/30/85	29.1 28.6 29.4	320.9 321.4 320.6	5001
13S/18E-07R01 M	249.7	10/06/84 02/07/85	42.8 47.2	206.9 202.5	5001	10S/18E-12001 M		360.0	10/01/84 01/25/85 09/30/85	37.3 32.2 39.2	322.7 327.8 320.8	5001
13S/18E-09B01 M	255.0	10/06/84 02/07/85	44.1 42.9	210.9 212.1	5001	10S/18E-20M02 M		335.0	10/01/84 01/25/85	117.4 NM-0	217.6	5001
13S/18E-10C01 M	262.2	10/01/84 01/01/85	47.5 49.3	214.7 212.9	5001	10S/18E-27N01 M		331.6	10/01/84 01/25/85 09/30/85	71.9 84.4 75.0	259.7 247.2 256.6	5001
8-08.M BERENDA CREEK HA						10S/18E-27R01 M		341.9	10/01/84 01/25/85 09/30/85	69.4 63.4 72.1	272.5 278.5 269.8	5001
09S/16E-14M01 M	280.0	11/01/84 01/28/85	141.2 NM-6	138.8	5001	10S/18E-29001 M		323.0	10/01/84 01/25/85 09/30/85	113.6 101.2 114.7	209.4 221.8 208.3	5001
09S/16E-15001 M	269.0	11/01/84 01/28/85	143.5 NM-3	125.5	5001	10S/19E-17H01 M		369.0	10/01/84 01/25/85 09/30/85	21.0 17.2 21.1	347.0 350.8 346.9	5001
09S/16E-17F01 M	248.0	11/01/84 01/28/85	145.5 NM-3	102.5	5001	10S/19E-32J01 M			10/01/84 01/25/85	NM-7 NM-0		5001
09S/16E-18M01 M	235.0	11/01/84 01/28/85	133.0 NM-3	102.0	5001	10S/19E-36F01 M		405.0	10/01/84 01/25/85 09/30/85	7.1 6.1 6.6	397.9 398.9 398.4	5001
09S/16E-19001 M	233.0	11/01/84 01/28/85	117.5 71.0	115.5 162.0	5001	10S/20E-35P01 M		490.0	10/03/84 02/05/85	17.0 11.9	473.0 478.1	5001
09S/16E-36J01 M	278.0	11/07/84 01/28/85	124.7 162.2	153.3 115.8	5001							
09S/17E-08F01 M	300.0	11/08/84 02/04/85	NM-9 58.2	241.8	5001							
09S/17E-09001 M	315.0	10/03/84 02/05/85	40.5 41.6	274.5 273.4	5001							
09S/17E-17F01 M		11/08/84 02/04/85	NM-9 NM-5		5001							
09S/17E-18N02 M		11/08/84 02/04/85	NM-2 NM-9		5001							

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 8-08 8-08.M	SAN JOAQUIN NB SAN JOAQUIN VALLEY FLOOR HU BERENDA CREEK HA					8 8-08 8-08.M	SAN JOAQUIN NB SAN JOAQUIN VALLEY FLOOR HU BERENDA CREEK HA				
105/20E-35P01 M	490.0	09/30/85	18.2	471.8	5001	125/20E-05P01 M	366.0	10/04/84 02/07/85	NM-1 173.5	192.5	5001
115/18E-05J01 M	316.0	10/04/84 01/25/85 09/30/85	NM-1 64.7 NM-1	251.3	5001	125/20E-08M01 M	361.0	10/04/84 02/07/85	NM-1 164.8	196.2	5001
115/19E-10J02 M	376.0	10/03/84 02/11/85 09/30/85	NM-1 175.4 NM-1	200.6	5001	125/20E-17A01 M	365.0	10/04/84 02/07/85	173.1 148.7	191.9 216.3	5001
115/19E-19F01 M	308.0	10/01/84 01/25/85 09/30/85	124.9 101.6 123.2	183.1 206.4 184.8	5001	125/20E-17H01 M	362.0	10/04/84 02/07/85	179.0 152.2	183.0 209.8	5001
115/19E-19M01 M	323.0	10/01/84 01/25/85 09/30/85	141.8 112.1 139.7	181.2 210.9 183.3	5001	125/20E-17H02 M	363.0	10/04/84 02/07/85	185.1 139.5	197.9 223.5	5001
115/19E-20G01 M	315.0	10/01/84 01/25/85 09/30/85	129.0 125.7 126.6	186.0 189.3 188.4	5001	125/20E-18B01 M	352.5	10/04/84 02/07/85	178.0 223.4	174.5 129.1	5001
115/19E-28F01 M	341.0	10/01/84 01/25/85 09/30/85	176.0 145.2 174.9	165.0 195.8 166.1	5001	125/20E-18N01 M	345.5	10/04/84 02/07/85	129.7 138.0	215.8 207.5	5001
115/19E-32P01 M	313.0	10/01/84 01/25/85 09/30/85	118.9 107.5 110.7	194.1 205.5 202.3	5001	125/20E-19R01 M		10/04/84 02/06/85	NM-1 NM-9		5001
115/19E-32R01 M	320.0	10/01/84 01/25/85 09/30/85	124.2 117.3 125.2	195.8 202.7 194.8	5001	125/20E-20A01 M		10/04/84 02/06/85	NM-1 NM-1		5001
115/19E-33J01 M	329.5	10/01/84 01/25/85 09/30/85	191.4 148.9 184.9	138.1 180.6 144.6	5001	125/20E-32G01 M	341.0	10/03/84 02/06/85 09/30/85	119.4 118.8 123.9	221.6 222.2 217.1	5001
115/20E-18L01 M		10/03/84 02/11/85 09/30/85	NM-9 NM-2 NM-9		5001						
115/20E-27N02 M	402.5	10/03/84 02/06/85	213.7 282.2	188.8 120.3	5001						
115/20E-29O01 M	383.0	10/03/84 02/06/85	246.6 190.9	136.4 192.1	5001						
115/20E-30F01 M	382.0	10/03/84 02/06/85	259.8 200.5	122.2 181.5	5001						
115/20E-31P01 M	381.0	10/03/84 02/06/85	226.5 130.9	154.5 250.1	5001						
115/20E-33K01 M	390.0	10/03/84 02/06/85	222.4 201.1	167.6 188.9	5001						
115/20E-36P01 M		10/03/84 02/06/85	NM-1 NM-2		5001						
125/18E-01A01 M	297.0	10/01/84 01/28/85	84.8 80.9	212.2 216.1	5001						
125/19E-01M03 M		10/04/84 02/11/85	NM-1 NM-0		5001						
125/19E-02A01 M	358.5	10/03/84 02/05/85 09/30/85	NM-1 202.5 204.0	156.0 154.5	5001						
125/19E-03O01 M	330.5	10/04/84 02/05/85 09/30/85	177.4 126.3 194.5	153.1 204.2 136.0	5001						
125/19E-11B01 M	336.0	10/04/84 02/05/85 09/30/85	181.3 150.7 199.9	156.7 187.3 138.1	5001						
125/19E-13E01 M	337.0	10/04/84 09/30/85	NM-1 190.5		5001						
125/19E-21R01 M	300.0	10/01/84 01/25/85	85.9 83.6	214.1 216.4	5001						
125/19E-23K01 M		10/04/84 09/30/85	NM-1 NM-4		5001						
125/19E-25E01 M	259.0	10/01/84 01/25/85	26.1 23.1	232.9 235.9	5001						
125/19E-25J01 M		10/04/84	NM-9		5001						
125/19E-26C01 M		10/04/84	NM-1		5001						
125/19E-28A01 M	307.0	10/01/84 01/25/85	85.0 78.1	222.0 228.9	5001						
125/19E-28P01 M	305.0	10/01/84 01/25/85	86.9 84.1	218.1 220.9	5001						
125/19E-33B01 M	290.0	10/04/84 02/07/85	103.8 109.5	186.2 180.5	5001						
125/19E-35A01 M	250.5	10/04/84 02/07/85	NM-9 27.3		5001						
125/20E-04K01 M		10/04/84 02/07/85 09/30/85	NM-9 NM-2 NM-9		5001						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B 8-09 8-09.E 8-09.E0	SAN JOAQUIN HB STANISLAUS RIVER HU MIDDLE FORK STANISLAUS HA HEADER INFORMATION NOT PRESENTLY AVAILABLE					B 8-13 8-13.8	SAN JOAQUIN HB AHWAHNEE HU DAULTON HA					
04S/09E-01P02 M	100.0	11/07/84 03/19/85	54.0 55.0(9)	46.0 45.0	5050	10S/19E-16D01 M		387.0	10/01/84 01/25/85 09/30/85	16.0 16.2 16.5	371.0 370.8 370.5	5001
						10S/20E-21N01 M		502.0	10/03/84 02/05/85 09/30/85	11.6 11.6 3.5	490.4 490.4 498.5	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA				
14S/13E-26P01 M	317.0	12/26/84	270.0	47.0	5646	15S/14E-01801 M		01/03/85	NM-2		5646
14S/13E-35E02 M	328.0	12/26/84	262.0	66.0	5646	15S/14E-01K02 M	197.0	01/03/85	57.0	140.0	5646
14S/13E-35N02 M	331.0	12/26/84	316.0	15.0	5646	15S/14E-02801 M	214.0	01/03/85	161.0	53.0	5646
14S/14E-03N05 M	214.0	12/14/84	125.0	89.0	5646	15S/14E-03H01 M	223.0	01/03/85	157.0	66.0	5646
14S/14E-12N02 M		12/11/84	NM-9		5646	15S/14E-06H02 M		01/14/85	NM-9		5646
14S/14E-14604 M	202.0	12/14/84	136.0	66.0	5646	15S/14E-06M01 M	293.0	01/14/85	313.0	-20.0	5646
14S/14E-17003 M	258.0	12/14/84	107.0	151.0	5646	15S/14E-06Q01 M	284.0	01/14/85	256.0	28.0	5646
14S/14E-17005 M		12/14/84	NM-4		5646	15S/14E-09C01 M	247.0	01/14/85	175.0	72.0	5646
14S/14E-20P01 M		12/14/84	NM-4		5646	15S/14E-09J01 M		01/14/85	NM-9		5646
14S/14E-21E02 M	246.0	12/14/84	189.0	57.0	5646	15S/14E-11E02 M	222.0	01/03/85	39.0	183.0	5646
14S/14E-21G02 M	247.0	12/14/84	91.0	156.0	5646	15S/14E-14D03 M	222.0	01/14/85	174.0	48.0	5646
14S/14E-21K01 M	238.0	12/14/84	88.0	150.0	5646	15S/14E-15001 M	239.0	01/14/85	116.0	123.0	5646
14S/14E-24D01 M		12/14/84	NM-5		5646	15S/14E-17G01 M	268.0	01/15/85	237.0	31.0	5646
14S/14E-24E02 M	198.0	12/14/84	134.0	64.0	5646	15S/14E-18Q02 M	310.0	01/14/85	261.0	49.0	5646
14S/14E-29N02 M		10/12/84	DRY		5001	15S/14E-21E01 M	259.0	01/15/85	225.0	34.0	5646
14S/14E-30E03 M	285.0	12/14/84	261.5	23.5	5646	15S/14E-21P01 M	247.0	01/15/85	235.0	12.0	5646
14S/14E-31G02 M	278.0	12/14/84	252.0	26.0	5646	15S/14E-24NC1 M	204.0	01/15/85	74.0	130.0	5646
14S/14E-33E02 M	253.0	12/14/84	208.5	44.5	5646	15S/14E-25Q01 M	210.0	01/15/85	77.0	133.0	5646
14S/14E-33N01 M	255.0	12/14/84	162.0	93.0	5646	15S/14E-26N02 M	228.0	01/14/85	192.0	36.0	5646
14S/14E-34001 M	240.0	12/14/84	120.0	120.0	5646	15S/14E-27002 M	234.0	01/14/85	193.0	41.0	5646
14S/14E-36N03 M	206.0	12/14/84	151.0	55.0	5646	15S/14E-28N01 M		01/14/85	NM-4		5646
14S/15E-08C04 M	155.0	10/01/84	21.2	133.8	5001	15S/14E-28Q01 M	253.0	01/14/85	223.0	30.0	5646
14S/15E-18C01 M		12/14/84	NM-5		5646	15S/14E-30RC1 M		01/14/85	NM-9		5646
14S/15E-19N01 M	185.0	10/05/84 12/11/84 02/11/85	49.0 NM-4 125.8	136.0 5646 59.2	5001	15S/14E-31D01 M	364.0	01/14/85	335.0	29.0	5646
14S/15E-28D01 M	164.0	10/05/84 02/11/85	25.5 NM-4	138.5	5001	15S/14E-31NC3 M	375.0	01/14/85	362.0	8.0	5646
14S/15E-28L04 M	164.0	10/04/84	25.7	138.3	5001	15S/14E-32N02 M	324.0	01/14/85	303.0	21.0	5646
14S/15E-30M01 M	187.0	10/05/84 02/11/85	131.5 NM-4	55.5	5001	15S/14E-34E01 M	245.0	01/14/85	154.0	92.0	5646
14S/15E-31N02 M	188.0	12/11/84	130.0	58.0	5646	15S/14E-35RC1 M	226.0	01/14/85	148.0	78.0	5646
14S/15E-32N02 M	178.5	12/11/84	117.0	61.5	5646	15S/15E-05P01 M	178.0	11/28/84	37.0	141.0	5646
14S/15E-32N03 M		10/05/84 02/11/85	NM-9 NM-4		5001	15S/15E-07003 M	189.0	11/28/84	51.0	137.0	5646
15S/12E-24R01 M		10/12/84	DRY		5001	15S/15E-08Q01 M	179.0	11/28/84	45.0	134.0	5646
15S/13E-01D01 M	311.0	12/14/84	293.0	18.0	5646	15S/15E-09D01 M		10/05/84	DRY		5001
15S/13E-02N02 M	349.0	12/14/84	327.0	22.0	5646	15S/15E-09D02 M		10/12/84	DRY		5001
15S/13E-03N03 M	375.0	01/15/85	367.0	8.0	5646	15S/15E-09D03 M	173.0	10/12/84	16.3	156.7	5001
15S/13E-04E03 M		12/13/84	NM-4		5646	15S/15E-15P04 M	170.0	10/05/84 02/20/85	26.0 32.0	144.0 138.0	5001
15S/13E-08N02 M		12/13/84	NM-4		5646	15S/15E-15Q01 M	170.0	11/29/84	46.0(8)	124.0	5646
15S/13E-09E02 M		12/13/84	NM-4		5646	15S/15E-16K01 M	172.0	10/05/84 02/20/85	55.8 NM-3	116.2	5001
15S/13E-12M01 M	337.0	12/14/84	313.0	24.0	5646	15S/15E-16K02 M	176.0	11/29/84	48.0	128.0	5646
15S/13E-13B01 M	325.0	12/14/84	212.0	113.0	5646	15S/15E-17D01 M	183.0	11/29/84	45.0	138.0	5646
15S/13E-14M01 M		01/15/85	NM-9		5646	15S/15E-19N01 M	195.0	10/12/84	3.9	191.1	5001
15S/13E-16L01 M		12/14/84	NM-9		5646	15S/15E-18N02 M	195.0	10/05/84	3.8	191.2	5001
15S/13E-16M01 M	482.0	12/14/84	474.0	8.0	5646	15S/15E-19M01 M	201.0	11/29/84	63.0	135.0	5646
15S/13E-20D01 M	540.0	10/12/84	457.0	83.0	5001	15S/15E-20N02 M	196.0	11/29/84	56.0	140.0	5646
15S/13E-22M01 M		01/15/85	NM-9		5646	15S/15E-21A01 M	181.0	11/29/84	43.0	138.0	5646
15S/13E-22P01 M	481.0	12/14/84	490.0	-9.0	5646	15S/15E-21N02 M	182.0	11/29/84	57.0	125.0	5646
15S/13E-23M01 M		01/15/85	NM-9		5646	15S/15E-22N01 M	175.0	10/05/84 02/20/85	68.2 52.0	106.8 123.0	5001
15S/13E-24N01 M		01/15/85	NM-9		5646	15S/15E-22Q01 M	176.0	10/05/84 11/29/84 02/20/85	56.6 52.0 57.7	119.4 124.0 118.3	5001
15S/13E-25N01 M	416.0	12/14/84	402.0	14.0	5646	15S/15E-23M01 M	173.0	11/29/84	55.0	118.0	5646
15S/13E-26Q02 M		12/14/84	NM-4		5646	15S/15E-27Q01 M	189.0	11/29/84	70.0	119.0	5646
15S/13E-32F01 M		10/12/84	DRY		5001	15S/15E-30N04 M	207.0	11/29/84	82.0	125.0	5646
15S/13E-35Q01 M		12/14/84	NM-4		5646	15S/15E-35N01 M	202.5	11/29/84	87.0	115.5	5646
15S/13E-36Q01 M	400.0	12/14/84	385.0	15.0	5646	15S/15E-35P01 M	203.0	11/29/84	79.0	124.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE NB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A	TULARE LAKE NB SOUTH VALLEY FLOOR HU WESTLANDS HA				
16S/13E-03R01 M		10/05/84	NM-9		5001	16S/16E-09N02 M	9999.8	12/05/84	(8)		5646
16S/14E-01003 M	268.0	12/12/84	171.0	97.0	5646	16S/16E-09N04 M	195.0	10/09/84 12/05/84 02/21/85	89.0 NM-5 126.7	106.0	5001 5646 5001
16S/14E-03801 M	255.0	12/12/84	228.0	27.0	5646	16S/16E-10P01 M		12/06/84	NM-9		5646
16S/14E-03N01 M	273.0	12/12/84	234.0	39.0	5646	16S/16E-14N01 M	186.0	10/09/84 12/06/84 02/21/85	120.0 109.5 123.9	66.0 76.5 62.1	5001 5646 5001
16S/14E-04001 M	292.0	12/12/84	263.0	29.0	5646	16S/16E-15N01 M	202.0	12/06/84	111.0	91.0	5646
16S/14E-04F01 M	305.0	12/12/84	272.5	32.5	5646	16S/16E-16N02 M	210.0	12/05/84	119.0	91.0	5646
16S/14E-05L01 M	338.0	12/12/84	312.0	26.0	5646	16S/16E-18P01 M	228.0	12/05/84	129.0	99.0	5646
16S/14E-05R01 M		10/05/84 12/12/84	DRY 316.0		5001 5646	16S/16E-22E01 M	201.0	12/06/84	120.5	80.5	5646
16S/14E-09N01 M	415.0	10/05/84	234.2	180.8	5001	16S/16E-23N03 M		12/06/84	NM-4		5646
16S/14E-11G02 M	309.0	12/12/84	268.0	41.0	5646	16S/16E-24P01 M		12/06/84	NM-5		5646
16S/14E-13801 M	313.0	12/12/84	227.0	86.0	5646	16S/16E-25N01 M	195.0	12/06/84	125.5	69.5	5646
16S/14E-14F01 M	357.0	12/12/84	318.0	39.0	5646	16S/16E-27H01 M	196.0	12/06/84	128.0	68.0	5646
16S/14E-15001 M	407.0	12/12/84	267.5	139.5	5646	16S/16E-28J01 M	212.0	12/06/84	129.0	83.0	5646
16S/14E-16N01 M		12/12/84	NM-5		5646	16S/16E-30M01 M	257.0	12/05/84	173.5	83.5	5646
16S/14E-17H01 M	452.0	12/12/84	293.0	159.0	5646	16S/16E-31N01 M	278.0	12/05/84	202.5	75.5	5646
16S/14E-24801 M		12/12/84	NM-4		5646	16S/16E-32E02 M		12/05/84	NM-6		5646
16S/14E-25R01 M	417.0	12/12/84	378.0	39.0	5646	16S/16E-32F01 M	248.0	12/05/84	170.0	78.0	5646
16S/14E-26A01 M		10/05/84	DRY		5001	16S/16E-34H01 M		12/06/84	NM-9		5646
16S/14E-27P01 M	502.0	12/12/84	472.0	30.0	5646	16S/16E-36N02 M		12/06/84	NM-4		5646
16S/14E-35F01 M	500.0	12/12/84	464.0	36.0	5646	16S/17E-20M01 M	186.0	12/06/84	132.0	54.0	5646
16S/14E-36E01 M	475.0	12/12/84	439.0	36.0	5646	16S/17E-20N02 M		10/09/84	DRY		5001
16S/15E-02001 M	215.0	11/30/84	94.0	121.0	5646	16S/17E-30M01 M	189.0	10/09/84 02/21/85	141.0 NM-3	48.0	5001
16S/15E-06P01 M		11/30/84	NM-4		5646	16S/17E-33R01 M	195.0	12/06/84	165.0	30.0	5646
16S/15E-09E01 M	244.0	11/30/84	187.0	57.0	5646	16S/17E-34N03 M		12/06/84	NM-1		5646
16S/15E-10N04 M		11/30/84	NM-4		5646	16S/17E-34P01 M		12/06/84	NM-1		5646
16S/15E-12N01 M	228.0	11/30/84	116.0	112.0	5646	16S/17E-35001 M		10/09/84 02/21/85	NM-4 NM-9		5001
16S/15E-12R01 M	220.5	11/30/84	101.5	119.0	5646	17S/14E-01A01 M		12/12/84	NM-4		5646
16S/15E-17E01 M	283.0	11/30/84	222.0	61.0	5646	17S/14E-02001 M		10/12/84	DRY		5001
16S/15E-18M01 M		11/30/84	NM-4		5646	17S/14E-13A01 M	438.0	12/12/84	432.0	6.0	5646
16S/15E-19R01 M	348.0	12/04/84	289.0	59.0	5646	17S/14E-14A02 M		10/12/84	DRY		5001
16S/15E-22001 M		11/30/84	NM-2		5646	17S/14E-24A03 M		12/12/84	NM-4		5646
16S/15E-22P01 M		11/30/84	NM-2		5646	17S/15E-02N01 M	333.0	12/12/84	258.0	75.0	5646
16S/15E-23E03 M	264.0	11/30/84	175.0	89.0	5646	17S/15E-03E01 M	349.5	12/12/84	287.0	62.5	5646
16S/15E-23N02 M	275.0	11/30/84	175.0	100.0	5646	17S/15E-06H01 M	385.0	12/12/84	341.0	44.0	5646
16S/15E-24P01 M	256.0	12/04/84	158.0	98.0	5646	17S/15E-06P02 M	419.0	10/12/84	302.3	116.7	5001
16S/15E-25E01 M	272.0	12/04/84	183.0	89.0	5646	17S/15E-07D01 M	443.0	10/12/84	315.6	127.4	5001
16S/15E-25K01 M		12/04/84	NM-9		5646	17S/15E-09N02 M	390.0	12/10/84	343.0	47.0	5646
16S/15E-25002 M		10/09/84 02/21/85	NM-4 NM-9		5001	17S/15E-10N01 M	371.0	12/12/84	312.0	59.0	5646
16S/15E-26N03 M	292.0	12/05/84	186.0	106.0	5646	17S/15E-13A01 M	310.0	11/30/84	247.0	63.0	5646
16S/15E-26P02 M		12/04/84	NM-2		5646	17S/15E-16801 M	384.0	12/10/84	329.0	55.0	5646
16S/15E-27001 M		11/30/84	NM-2		5646	17S/15E-16P01 M	385.0	12/12/84	330.0	56.0	5646
16S/15E-31L01 M		12/04/84	NM-4		5646	17S/15E-17001 M	417.0	12/10/84	366.0	51.0	5646
16S/15E-32001 M		12/04/84	NM-4		5646	17S/15E-17R01 M	416.0	10/12/84	287.4	128.6	5001
16S/15E-33J01 M	325.0	12/05/84	262.0	63.0	5646	17S/15E-19A01 M		12/12/84	NM-4		5646
16S/15E-35E02 M	304.0	12/05/84	234.0	70.0	5646	17S/15E-19E01 M		12/12/84	NM-4		5646
16S/15E-35004 M		12/05/84	NM-2		5646	17S/15E-19K01 M		12/12/84	NM-9		5646
16S/16E-03E01 M	174.5	10/15/84	42.7	131.8	5001	17S/15E-20C01 M	429.0	12/12/84	340.0	89.0	5646
16S/16E-03E02 M	174.5	10/15/84	89.9	85.6	5001	17S/15E-21E01 M	425.0	12/12/84	394.0	31.0	5646
16S/16E-05R02 M	188.0	10/09/84	71.0	117.0	5001	17S/15E-21N01 M	430.0	12/12/84	395.0	35.0	5646
16S/16E-06N01 M	202.0	12/05/84	91.5	110.5	5646	17S/15E-21R01 M	407.0	12/12/84	352.0	55.0	5646
16S/16E-07G01 M	206.0	12/05/84	98.0	108.0	5646	17S/15E-23001 M	360.0	12/12/84	289.0 (M)	71.0	5646
16S/16E-08E01 M	198.0	12/05/84	90.0	108.0	5646	17S/15E-23N02 M	372.0	12/12/84	307.0	65.0	5646
16S/16E-08N04 M	205.0	10/09/84 02/21/85	98.2 132.4	106.8 72.6	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA				
17S/15E-24001 M	328.0	12/12/84	244.0	84.0	5646	17S/17E-29E01 M		12/07/84	NM-4		5646
17S/15E-26A01 M	345.0	12/11/84	275.0	70.0	5646	17S/17E-29R02 M	235.0	12/13/84	151.0	84.0	5646
17S/15E-26H01 M	351.0	12/11/84	289.0	62.0	5646	17S/17E-30P02 M	238.0	12/07/84	161.0	77.0	5646
17S/15E-26J01 M	353.0	12/11/84	276.0	77.0	5646	17S/17E-31002 M	249.0	12/13/84	173.0	76.0	5646
17S/15E-26L01 M	373.0	12/11/84	317.0	56.0	5646	17S/17E-31R01 M		12/13/84	NM-4		5646
17S/15E-26R01 M	358.0	12/11/84	259.0	99.0	5646	17S/17E-32N01 M	250.0	12/13/84	173.0	77.0	5646
17S/15E-29001 M	467.0	12/11/84	497.0	-30.0	5646	17S/17E-34H02 M	248.0	12/05/84	162.0	86.0	5646
17S/15E-29H01 M	449.0	12/12/84	423.0	26.0	5646	17S/17E-34P01 M	243.0	12/05/84	160.0	83.0	5646
17S/15E-31601 M		12/10/84	NM-4		5646	17S/17E-35P01 M	234.0	12/13/84	154.0	80.0	5646
17S/15E-34001 M	430.0	12/10/84	337.0	93.0	5646	17S/17E-35R02 M	234.0	12/13/84	148.0(8)	86.0	5646
17S/15E-36801 M	342.0	12/11/84	283.0	59.0	5646	17S/18E-29N01 M	218.0	10/25/84 12/13/84 02/21/85	138.0(9) 138.0 150.0(9)	80.0 80.0 68.0	5001 5646 5001
17S/15E-36002 M	344.0	12/11/84	283.0	61.0	5646	17S/18E-30001 M	222.0	12/13/84	143.0	79.0	5646
17S/16E-01H02 M	263.0	11/30/84	145.2	117.8	5646	17S/18E-31N02 M		12/13/84	NM-4		5646
17S/16E-04M01 M	253.0	11/30/84	171.0	82.0	5646	17S/18E-34E01 M	214.0	12/06/84	125.0	89.0	5646
17S/16E-04R02 M	237.0	11/30/84	157.0	80.0	5646	18S/15E-02H01 M	383.0	12/11/84	333.0	50.0	5646
17S/16E-06H02 M	297.0	11/30/84	234.0	63.0	5646	18S/15E-04N01 M	505.0	12/10/84	624.0	-119.0	5646
17S/16E-07R01 M		11/30/84	NM-4		5646	18S/15E-04N02 M		10/18/84	DRY		5001
17S/16E-08H02 M		11/30/84	NM-1		5646	18S/15E-05E01 M	529.0	12/10/84	711.0	-182.0	5646
17S/16E-11001 M	223.0	11/30/84	156.0	67.0	5646	18S/15E-08R01 M		12/11/84	NM-4		5646
17S/16E-14N01 M	231.0	11/30/84	158.0	73.0	5646	18S/15E-10N01 M	530.0	12/10/84	611.0	-81.0	5646
17S/16E-15N01 M	246.0	11/30/84	180.0	66.0	5646	18S/15E-15001 M	538.0	12/11/84	722.0	-184.0	5646
17S/16E-16801 M	249.0	11/30/84	181.0	68.0	5646	18S/15E-16M01 M	635.0	12/11/84	673.0	-38.0	5646
17S/16E-18P01 M	297.0	11/30/84	199.0	98.0	5646	18S/15E-22E01 M	613.0	12/11/84	574.0	39.0	5646
17S/16E-19N02 M	313.0	12/12/84	231.0	82.0	5646	18S/15E-23E01 M	528.0	12/11/84	657.0	-129.0	5646
17S/16E-20F01 M	275.0	12/12/84	206.0	69.0	5646	18S/15E-24N01 M	480.0	12/11/84	485.0	-5.0	5646
17S/16E-23N04 M		12/12/84	NM-5		5646	18S/16E-01N01 M	269.0	11/28/84	188.0	81.0	5646
17S/16E-25M01 M	239.0	11/28/84	167.0	72.0	5646	18S/16E-01001 M	261.0	11/29/84	181.0	80.0	5646
17S/16E-26N04 M	247.0	11/29/84	168.0	79.0	5646	18S/16E-02N01 M	264.0	11/29/84	190.0	74.0	5646
17S/16E-26002 M	246.0	11/29/84	164.7	81.3	5646	18S/16E-02R01 M	264.0	11/29/84	197.0	67.0	5646
17S/16E-28F01 M	258.0	12/11/84	159.0	99.0	5646	18S/16E-04N02 M	284.0	11/29/84	102.0	182.0	5646
17S/16E-28N01 M	272.0	12/11/84	184.0	88.0	5646	18S/16E-06F01 M	320.0	12/11/84	250.0	70.0	5646
17S/16E-30A03 M	290.0	10/02/84 01/24/85	29.2 28.1	260.8 261.9	5001	18S/16E-06M01 M	342.0	12/11/84	272.0	70.0	5646
17S/16E-30F01 M	305.0	12/12/84	287.0	18.0	5646	18S/16E-08001 M	318.0	12/11/84	239.0	79.0	5646
17S/16E-32D01 M		12/11/84	NM-4		5646	18S/16E-08N01 M	332.0	12/11/84	262.0	70.0	5646
17S/16E-35N02 M	254.5	11/29/84	186.5	68.0	5646	18S/16E-12P01 M	275.0	11/29/84	200.0	75.0	5646
17S/16E-36002 M	252.5	11/29/84	184.5	68.0	5646	18S/16E-14R03 M	284.0	11/29/84	202.0	82.0	5646
17S/17E-04001 M	200.0	12/07/84	146.0	54.0	5646	18S/16E-15N02 M	292.0	11/29/84	216.0	76.0	5646
17S/17E-05N03 M	204.0	12/07/84	141.0	63.0	5646	18S/16E-18A02 M	340.0	12/11/84	272.0	68.0	5646
17S/17E-06N01 M	211.0	12/07/84	141.0	70.0	5646	18S/16E-20C01 M		12/11/84	NM-9		5646
17S/17E-08001 M	209.0	12/07/84	148.0	61.0	5646	18S/16E-23A01 M	285.0	10/16/84	17.1	267.9	5001
17S/17E-15N02 M	215.0	12/07/84	160.0	55.0	5646	18S/16E-23A02 M	285.0	10/16/84	21.3	263.7	5001
17S/17E-16001 M	201.5	12/07/84	150.0	51.5	5646	18S/16E-24H03 M	291.0	11/29/84	221.0	70.0	5646
17S/17E-19N02 M	232.0	12/07/84	159.0	73.0	5646	18S/16E-24002 M	295.0	11/29/84	209.0	86.0	5646
17S/17E-20N01 M		12/07/84	NM-4		5646	18S/16E-26F02 M	313.0	11/29/84	225.0	88.0	5646
17S/17E-21E01 M	218.0	12/07/84	141.0	77.0	5646	18S/16E-30P01 M	405.0	12/11/84	349.0	56.0	5646
17S/17E-21N01 M	225.0	12/07/84	148.0	77.0	5646	18S/16E-31N01 M	510.0	12/11/84	622.0	-112.0	5646
17S/17E-21P02 M	225.0	12/07/84	149.5	75.5	5646	18S/16E-33001 M	348.0	12/12/84	310.0	38.0	5646
17S/17E-21R01 M	223.0	12/07/84	143.0	80.0	5646	18S/16E-34N01 M	335.0	12/12/84	286.0	49.0	5646
17S/17E-23K01 M		12/06/84	NM-1		5646	18S/16E-36G01 M	317.0	11/29/84	241.0	76.0	5646
17S/17E-24M01 M		12/06/84	NM-4		5646	18S/17E-01P01 M	242.0	12/13/84	153.0	89.0	5646
17S/17E-26E03 M	227.0	12/13/84	160.0	67.0	5646	18S/17E-C3PC1 M	252.0	12/05/84	168.0	84.0	5646
17S/17E-27003 M	228.0	12/13/84	160.0	68.0	5646	18S/17E-05N04 M	260.0	10/15/84	8.7	251.3	5001
17S/17E-27R01 M	235.0	12/13/84	159.0	76.0	5646	18S/17E-07L02 M	267.0	12/05/84	155.0	112.0	5646
17S/17E-28001 M	234.0	12/13/84	153.0	81.0	5646	18S/17E-08M01 M	273.0	12/05/84	190.0(8)	83.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE H9 SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A	TULARE LAKE H8 SOUTH VALLEY FLOOR HJ WESTLANDS HA				
18S/17E-08P01 M	267.0	12/05/84	185.0	82.0	5646	18S/19E-20M01 M	225.0	12/04/84	78.0	147.0	5646
18S/17E-11N02 M		12/04/84	NM-4		5646	18S/19E-20N01 M	219.0	12/04/84	97.8	121.2	5646
18S/17E-11O01 M	254.0	12/04/84	154.0	100.0	5646	19S/16E-10O01 M	372.0	11/28/84	373.0	-1.0	5646
18S/17E-12N01 M	253.0	12/04/84	159.0	94.0	5646	19S/16E-10E01 M	355.0	11/28/84	383.0	-28.0	5646
18S/17E-13N02 M	261.0	12/05/84	159.0	102.0	5646	19S/16E-11A01 M	347.0	11/28/84	273.0	74.0	5646
18S/17E-13P01 M	260.0	12/05/84	152.0	108.0	5646	19S/16E-11O01 M		11/28/84	NM-4		5646
18S/17E-14O01 M	262.0	12/05/84	155.0	107.0	5646	19S/16E-14N01 M	376.0	11/28/84	353.0	23.0	5646
18S/17E-15M01 M	267.0	12/05/84	171.5	95.5	5646	19S/16E-15N01 M	395.0	11/28/84	472.0	-77.0	5646
18S/17E-15N01 M	279.0	12/05/84	186.0	93.0	5646	19S/16E-17P01 M		11/29/84	NM-5		5646
18S/17E-17E01 M	284.0	12/05/84	197.0	87.0	5646	19S/16E-21M01 M		11/29/84	NM-4		5646
18S/17E-19F01 M	288.0	12/05/84	200.0	88.0	5646	19S/16E-22N01 M	409.0	11/29/84	474.0	-65.0	5646
18S/17E-19N02 M		12/05/84	NM-4		5646	19S/16E-23P01 M	400.0	11/28/84	379.0	21.0	5646
18S/17E-20F01 M	283.0	12/05/84	178.0	105.0	5646	19S/16E-25O01 M	400.0	11/29/84	687.0	-287.0	5646
18S/17E-20N02 M	291.0	12/05/84	190.0	101.0	5646	19S/16E-26N01 M		11/29/84	NM-5		5646
18S/17E-22P01 M	290.0	12/05/84	182.0	108.0	5646	19S/16E-27M01 M	435.0	11/29/84	513.0	-78.0	5646
18S/17E-23E03 M	266.0	12/05/84	169.0	97.0	5646	19S/16E-29K01 M	540.0	11/29/84	642.0	-102.0	5646
18S/17E-23M01 M	270.0	12/05/84	174.0	96.0	5646	19S/16E-33O01 M	510.0	11/29/84	530.0	-20.0	5646
18S/17E-27G01 M	285.0	12/05/84	185.5	99.5	5646	19S/16E-33N01 M	504.0	11/29/84	502.0	2.0	5646
18S/17E-28N02 M		12/05/84	NM-9		5646	19S/16E-34P01 M	426.0	11/29/84	492.0	-66.0	5646
18S/17E-30M01 M		12/05/84	NM-4		5646	19S/16E-35801 M		11/29/84	NM-4		5646
18S/17E-32P01 M	312.0	12/05/84	218.0	94.0	5646	19S/16E-35N01 M	430.0	11/29/84	408.0	22.0	5646
18S/17E-34E02 M	296.0	12/05/84	179.0	117.0	5646	19S/16E-35O01 M	424.0	11/29/84	374.0	50.0	5646
18S/17E-34M01 M	285.0	12/05/84	179.2	105.8	5646	19S/17E-02E01 M	294.0	11/30/84	201.0	93.0	5646
18S/17E-35R01 M		10/18/84	ORY		5001	19S/17E-03N02 M	311.0	11/30/84	205.0	106.0	5646
18S/17E-35R02 M	283.0	10/18/84	51.4	231.6	5001	19S/17E-04E01 M		11/30/84	NM-4		5646
18S/17E-36N03 M	282.0	12/05/84	180.0	102.0	5646	19S/17E-05O01 M	322.0	11/30/84	208.0	114.0	5646
18S/18E-02R01 M	218.0	12/04/84	109.0	109.0	5646	19S/17E-06A02 M		11/30/84	NM-4		5646
18S/18E-05K01 M	231.0	12/04/84	135.0	96.0	5646	19S/17E-06O01 M		11/30/84	NM-4		5646
18S/18E-05N02 M	236.0	12/04/84	137.0	99.0	5646	19S/17E-07L01 M	344.0	12/04/84	240.0	104.0	5646
18S/18E-05O02 M	232.5	12/04/84	135.0	97.5	5646	19S/17E-07P01 M		12/04/84	NM-9		5646
18S/18E-07M02 M	248.0	12/04/84	145.0	103.0	5646	19S/17E-08M01 M	324.0	11/30/84	229.0	95.0	5646
18S/18E-07R02 M	243.0	10/25/84 12/04/84 02/21/85	141.0(9) 137.0 167.0(9)	102.0 106.0 76.0	5001 5646 5001	19S/17E-12E01 M	300.0	11/30/84	107.0	193.0	5646
18S/18E-08E01 M	240.0	10/25/84 12/04/84 02/21/85	148.0(9) 142.0 165.0(9)	92.0 98.0 75.0	5001 5646 5001	19S/17E-14C01 M		11/30/84	NM-4		5646
18S/18E-09E01 M	235.0	10/25/84 12/04/84 02/21/85	138.0(9) 135.0 155.0(9)	97.0 100.0 80.0	5001 5646 5001	19S/17E-15E01 M	327.5	11/30/84	298.0	29.5	5646
18S/18E-09N01 M	239.0	12/04/84	135.5	103.5	5646	19S/17E-17O01 M	351.0	11/30/84	268.5	82.5	5646
18S/18E-13N02 M	230.0	10/25/84 02/21/85	123.0(9) 134.0(9)	107.0 96.0	5001	19S/17E-17M01 M	336.0	11/30/84	191.0	145.0	5646
18S/18E-14M01 M	225.5	12/05/84	116.0	109.5	5646	19S/17E-19N01 M	384.0	12/03/84	257.0	127.0	5646
18S/18E-18N01 M	260.0	12/05/84	155.6	104.4	5646	19S/17E-20J01 M	352.5	12/03/84	260.0	92.5	5646
18S/18E-22E01 M	241.0	12/05/84	139.0	102.0	5646	19S/17E-20N01 M	371.0	12/03/84	272.0	99.0	5646
18S/18E-22F01 M	240.0	12/05/84	122.0(8)	118.0	5646	19S/17E-20O01 M	363.0	12/03/84	250.0	113.0	5646
18S/18E-23N03 M	240.0	12/05/84	120.0	120.0	5646	19S/17E-22J03 M	328.0	12/03/84	224.0	104.0	5646
18S/18E-24E01 M	231.0	12/05/84	118.0	113.0	5646	19S/17E-22M01 M	341.0	12/03/84	260.0	81.0	5646
18S/18E-26D01 M	244.0	12/05/84	121.0	123.0	5646	19S/17E-26H01 M		12/03/84	NM-4		5646
18S/18E-27N03 M	255.0	12/05/84	140.0	115.0	5646	19S/17E-26N01 M	345.0	12/03/84	248.0	77.0	5646
18S/18E-27O01 M	253.0	12/05/84	144.0	109.0	5646	19S/17E-27E01 M	350.0	12/03/84	280.0	70.0	5646
18S/18E-30J02 M	262.0	10/15/84	23.4	238.6	5001	19S/17E-27M01 M	340.0	12/03/84	256.0	84.0	5646
18S/18E-31N02 M	275.0	12/05/84	178.0	97.0	5646	19S/17E-28E01 M	363.0	12/03/84	246.0	107.0	5646
18S/18E-32E01 M	267.0	12/05/84	165.0	102.0	5646	19S/17E-28P01 M	365.0	12/03/84	293.0	72.0	5646
18S/18E-33L01 M	261.0	12/05/84	137.0	124.0	5646	19S/17E-30A02 M	371.0	10/18/84	232.2	138.8	5001
18S/18E-35N04 M	253.0	12/05/84	125.0	128.0	5646	19S/17E-30J01 M	375.0	12/03/84	311.0	64.0	5646
18S/19E-07N01 M	218.0	10/26/84 02/21/85	110.0(9) 128.0(9)	108.0 90.0	5001	19S/17E-30P01 M	385.0	12/03/84	338.0	47.0	5646
						19S/17E-31N01 M	410.0	11/29/84	358.0	52.0	5646
						19S/17E-33N01 M		12/03/84	NM-4		5646
						19S/17E-34E01 M	363.0	12/03/84	306.0	57.0	5646
						19S/18E-03N02 M	265.0	12/10/84	284.0	-19.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA				
19S/18E-04601 M	266.0	12/10/84 12/13/84	NM-4 72.0	194.0	5646	20S/17E-08J01 M	407.5	12/03/84	360.0	47.5	5646
19S/18E-04602 M		12/10/84	NM-5		5646	20S/17E-08N01 M		12/03/84	NM-4		5646
19S/18E-06E01 M	284.0	12/10/84	201.0	83.0	5646	20S/17E-09N03 M	411.0	12/05/84	360.0	51.0	5646
19S/18E-08N01 M	287.0	12/10/84	174.0	113.0	5646	20S/17E-10N01 M	393.0	12/05/84	309.0	84.0	5646
19S/18E-09N02 M	283.0	12/10/84	159.0	124.0	5646	20S/17E-11N03 M	268.0	10/04/84	222.8	45.2	5001
19S/18E-18E01 M	298.0	12/10/84	190.0	108.0	5646	20S/17E-12N01 M	353.0	12/05/84	288.0	65.0	5646
19S/18E-19N01 M	307.0	12/10/84	198.0	109.0	5646	20S/17E-14N02 M	374.0	12/05/84	285.0	89.0	5646
19S/18E-20D02 M	293.0	12/10/84	178.0	115.0	5646	20S/17E-14N03 M	374.0	12/05/84	334.0	40.0	5646
19S/18E-20N01 M	295.0	12/10/84	179.0	116.0	5646	20S/17E-16N01 M	398.0	12/05/84	350.0	48.0	5646
19S/18E-22N01 M	278.0	12/10/84	150.0	128.0	5646	20S/17E-18E02 M	448.0	12/04/84	413.0	35.0	5646
19S/18E-24N01 M	263.0	12/10/84	132.0	131.0	5646	20S/17E-19P01 M	454.0	12/04/84	465.0	-11.0	5646
19S/18E-28N01 M	303.0	12/10/84	178.0	125.0	5646	20S/17E-19P02 M	454.0	12/04/84	452.0	2.0	5646
19S/18E-31N01 M	323.0	12/10/84	247.0	76.0	5646	20S/17E-21E03 M		12/05/84	NM-1		5646
19S/18E-32E01 M		12/10/84	NM-4		5646	20S/17E-22003 M	400.0	12/05/84	357.0	43.0	5646
19S/18E-33M02 M	298.0	10/18/84	94.3	203.7	5001	20S/17E-27N01 M	388.0	12/05/84	310.0	78.0	5646
19S/19E-03D01 M		12/13/84	NM-1		5646	20S/17E-28B01 M	409.0	12/05/84	341.0	68.0	5646
19S/19E-03D03 M	216.0	10/29/84 02/20/85	90.0 85.0(9)	126.0 131.0	5050 5001	20S/17E-28D01 M	415.0	12/05/84	401.6	14.4	5646
19S/19E-04E01 M		10/29/84 12/13/84 02/20/85	NM-9 NM-6 99.0(9)		5001 5646 5001	20S/17E-29N02 M	449.0	12/05/84	461.0	-12.0	5646
19S/19E-04F01 M	223.0	10/29/84 02/20/85	100.0(9) 93.0(9)	123.0 130.0	5050 5001	20S/17E-30N02 M		12/05/84	NM-4		5646
19S/19E-04G01 M	223.0	10/29/84 02/20/85	70.5(9) 69.5	152.5 153.5	5050 5001	20S/17E-31001 M		12/05/84	NM-9		5646
19S/19E-08N01 M		12/13/84	NM-4		5646	20S/17E-32F01 M	447.0	12/05/84	479.0	-32.0	5646
19S/19E-10E01 M		12/13/84	NM-1		5646	20S/17E-32R01 M	434.0	10/04/84	394.1	39.9	5001
19S/19E-10E02 M		02/20/85	NM-7		5050	20S/17E-34C01 M	393.0	12/05/84	305.0	88.0	5646
19S/19E-15A02 M	216.0	10/15/84	19.7	196.3	5001	20S/17E-34F06 M	392.0	12/05/84	324.0	68.0	5646
19S/19E-15N01 M	229.0	12/13/84	96.0	133.0	5646	20S/17E-36A01 M	342.0	12/06/84	230.0	112.0	5646
19S/19E-16N02 M		10/15/84	NM-9		5001	20S/17E-36E01 M	355.0	12/06/84	263.0	92.0	5646
19S/19E-16N03 M		10/15/84	NM-9		5001	20S/17E-36J01 M	340.0	12/07/84	274.5	65.5	5646
19S/19E-19K01 M	246.0	10/29/84 12/10/84 02/20/85	126.7(9) 129.7 119.7(9)	119.3 116.3 126.3	5050 5646 5001	20S/18E-C3D01 M	286.0	12/10/84	170.0	116.0	5646
19S/19E-20N01 M	241.0	12/10/84	148.0	93.0	5646	20S/18E-C5H01 M	301.0	12/11/84	200.0	101.0	5646
19S/19E-27D01 M	225.0	12/13/84	97.0	128.0	5646	20S/18E-08A01 M	303.0	12/11/84	214.0	89.0	5646
19S/19E-28K01 M	229.0	12/13/84	96.0	133.0	5646	20S/18E-08G01 M	310.0	12/11/84	208.0	102.0	5646
19S/19E-30B02 M	248.0	12/10/84	140.0	108.0	5646	20S/18E-09N01 M	304.0	12/11/84	213.0	91.0	5646
19S/19E-31003 M	254.0	12/10/84	150.0	104.0	5646	20S/18E-14E01 M	277.0	12/11/84	169.0	108.0	5646
19S/19E-33E01 M	234.0	12/13/84	120.0	114.0	5646	20S/18E-14N01 M	278.0	12/11/84	161.0	117.0	5646
20S/16E-01D01 M	417.0	11/29/84	346.0	71.0	5646	20S/18E-16E01 M	304.0	12/11/84	208.0	96.0	5646
20S/16E-03N01 M		12/04/84	NM-4		5646	20S/18E-18D01 M	330.0	12/11/84	166.0	164.0	5646
20S/16E-03R01 M	448.0	12/04/84	436.0	12.0	5646	20S/18E-19P01 M		12/11/84	NM-4		5646
20S/16E-04P03 M	475.0	12/04/84	487.0	-12.0	5646	20S/18E-20B01 M	311.0	12/11/84	241.0	70.0	5646
20S/16E-09L01 M	485.0	10/04/84 12/04/84 04/12/85	DRY 568.0 DRY		5001 5646 5001	20S/18E-20K01 M		12/11/84	NM-4		5646
20S/16E-10H03 M	455.0	10/04/84	454.9	.1	5001	20S/18E-20Q01 M	312.0	12/11/84	248.0	64.0	5646
20S/17E-02M01 M	362.0	12/03/84	287.0	75.0	5646	20S/18E-21M01 M	304.0	12/11/84	235.0	69.0	5646
20S/17E-02P01 M	356.0	12/05/84	285.0	71.0	5646	20S/18E-23N01 M	285.0	12/11/84	190.0	95.0	5646
20S/17E-03Q01 M	373.0	12/05/84	258.0	115.0	5646	20S/18E-24E01 M	264.0	12/11/84	172.0	92.0	5646
20S/17E-04N01 M	397.0	12/03/84	376.0	21.0	5646	20S/18E-24G01 M	262.0	12/11/84	138.0	124.0	5646
20S/17E-05N01 M	413.0	12/03/84	332.0	81.0	5646	20S/18E-25D03 M	263.0	12/11/84	189.0	74.0	5646
20S/17E-06A01 M	400.0	12/03/84	393.0	7.0	5646	20S/18E-26K01 M	268.0	12/11/84	156.0	112.0	5646
20S/17E-06C01 M	401.0	11/29/84	349.0	52.0	5646	20S/18E-27C02 M	285.0	12/11/84	208.0	77.0	5646
20S/17E-06H01 M	400.0	12/05/84	353.0	47.0	5646	20S/18E-27M01 M	288.0	12/11/84	282.0	6.0	5646
20S/17E-06N01 M	424.0	12/03/84	348.0	76.0	5646	20S/18E-28B01 M		12/11/84	NM-1		5646
20S/17E-06P01 M	414.0	12/03/84	311.0	103.0	5646	20S/18E-28D01 M		12/11/84	NM-1		5646
						20S/18E-28F02 M		12/11/84	NM-1		5646
						20S/18E-29N02 M	320.0	12/11/84	222.0	98.0	5646
						20S/18E-30E02 M	338.0	12/11/84	257.0	81.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.A		TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA				
205/18E-32E01 M	319.0	12/11/84	244.0	75.0	5646	215/17E-06801 M		493.0	12/06/84	478.0	15.0	5646
205/18E-33E01 M	307.0	12/11/84	150.0	157.0	5646	215/17E-11N01 M		444.0	12/07/84	464.0	-20.0	5646
205/18E-33E02 M	304.0	12/11/84	192.0	112.0	5646	215/17E-13N02 M		427.0	12/07/84	428.0	-1.0	5646
205/18E-34801 M		12/11/84	NM-5		5646	215/17E-14H01 M		400.0	12/07/84	426.0	-26.0	5646
205/18E-34D01 M	289.0	12/11/84	195.0	94.0	5646	215/17E-14N02 M		493.0	12/07/84	534.0	-41.0	5646
205/18E-34N01 M	285.0	10/04/84	23.2	261.8	5001	215/17E-14N03 M		475.0	12/07/84	526.0	-51.0	5646
205/18E-34N02 M	285.0	10/04/84	43.0	242.0	5001	215/17E-14P01 M		460.0	10/10/84	451.5	8.5	5001
205/18E-35D02 M		12/11/84	NM-4		5646	215/17E-24G01 M			12/07/84	NM-4		5646
205/18E-36D01 M		12/11/84	NM-4		5646	215/17E-25H01 M		455.0	12/07/84	406.0	49.0	5646
205/19E-02A01 M		12/13/84	NM-1		5646	215/18E-01801 M			12/12/84	NM-4		5646
205/19E-02D01 M	214.0	10/29/84 02/20/85	88.0 89.0(9)	126.0 125.0	5050 5001	215/18E-02A01 M			12/12/84	NM-6		5646
205/19E-02E01 M	215.0	10/29/84 02/20/85	87.0 87.0(9)	128.0 128.0	5050 5001	215/18E-02D03 M			12/12/84	NM-4		5646
205/19E-02J01 M	205.0	10/29/84 12/13/84 02/20/85	77.0 87.0 76.0(9)	128.0 118.0 129.0	5050 5646 5001	215/18E-03G01 M			12/12/84	NM-4		5646
205/19E-04D01 M	239.0	12/13/84	90.0	149.0	5646	215/18E-05C01 M		315.0	12/12/84	233.0	82.0	5646
205/19E-04H01 M	225.0	12/17/84	99.0	126.0	5646	215/18E-06G01 M		326.0	12/12/84	234.0	92.0	5646
205/19E-04R01 M	224.0	12/17/84	98.0	126.0	5646	215/18E-08R01 M			12/12/84	NM-4		5646
205/19E-05N02 M	243.0	12/17/84	102.0	141.0	5646	215/18E-11C01 M			12/12/84	NM-4		5646
205/19E-06D01 M		12/10/84 02/20/85	NM-4 132.0(9)		5646 5050	215/18E-11D02 M			12/12/84	NM-4		5646
205/19E-08H01 M	245.0	12/17/84	108.5	136.5	5646	215/18E-12001 M		265.0	12/12/84 02/21/85	261.0 140.0(9)	4.0 125.0	5646 5050
205/19E-10E01 M	225.0	10/29/84 12/17/84 02/20/85	100.0(9) 111.0 100.0(9)	125.0 114.0 125.0	5050 5646 5001	215/18E-15C01 M			12/12/84	NM-4		5646
205/19E-10N02 M	225.0	10/29/84 12/17/84 02/20/85	106.0(9) 103.0 103.0(9)	119.0 122.0 122.0	5050 5646 5001	215/18E-15D04 M		288.0	12/12/84	138.0	150.0	5646
205/19E-11A02 M	205.0	12/17/84	97.0	108.0	5646	215/18E-15H01 M		274.0	12/12/84	194.0	80.0	5646
205/19E-11J01 M	205.0	12/17/84	158.0	47.0	5646	215/18E-16EC1 M		290.0	12/12/84	207.0	83.0	5646
205/19E-14A01 M	205.0	12/17/84	131.0	74.0	5646	215/19E-18G03 M		320.0	12/12/84	237.0	83.0	5646
205/19E-14F01 M	208.5	12/17/84	81.0	127.5	5646	215/18E-20E01 M		340.0	12/14/84	298.0	42.0	5646
205/19E-14P01 M	205.0	12/17/84	81.0	124.0	5646	215/18E-21E01 M		287.0	12/12/84	176.0	111.0	5646
205/19E-15E01 M	225.0	10/29/84 12/17/84 02/20/85	101.5 100.5 101.5(9)	123.5 124.5 123.5	5050 5646 5001	215/18E-21H01 M		274.0	12/12/84	185.0	89.0	5646
205/19E-16H01 M		12/17/84 02/20/85	NM-4 NM-7		5646 5050	215/18E-21M01 M		305.0	12/12/84	179.0	126.0	5646
205/19E-18D01 M	253.0	12/17/84	114.5	138.5	5646	215/18E-22G01 M		266.0	12/12/84	208.0	58.0	5646
205/19E-19802 M		12/17/84	NM-4		5646	215/18E-23D06 M		261.0	12/12/84	189.0	72.0	5646
205/19E-19D02 M		12/17/84	NM-4		5646	215/19E-23E01 M		261.0	12/12/84	198.0	63.0	5646
205/19E-19N01 M	252.0	12/17/84	130.0	122.0	5646	215/18E-26C01 M		253.0	12/14/84	190.0	63.0	5646
205/19E-19R01 M	242.0	12/17/84	140.0	102.0	5646	215/18E-26N01 M		267.0	12/14/84	178.0	89.0	5646
205/19E-29J01 M	229.0	12/17/84	120.0	109.0	5646	215/18E-27801 M		275.0	12/14/84	117.0	158.0	5646
205/19E-35M01 M		12/17/84	NM-4		5646	215/18E-27K01 M		286.0	12/14/84	130.0	156.0	5646
215/16E-01M01 M		12/06/84	NM-4		5646	215/18E-28C01 M		317.0	12/12/84	188.0	129.0	5646
215/16E-01P01 M	541.0	12/06/84	206.0	335.0	5646	215/18E-28E01 M		354.0	12/14/84	253.0	101.0	5646
215/16E-02N02 M	569.0	12/28/84	297.0(9)	272.0	5050	215/18E-28E03 M			12/14/84	NM-4		5646
215/16E-11E01 M	578.0	12/28/84	309.0(9)	269.0	5050	215/18E-28Q02 M		350.0	12/14/84	272.0	78.0	5646
215/16E-11K01 M	569.0	12/06/84	306.0	263.0	5646	215/18E-29Q01 M		399.0	12/14/84	369.0	30.0	5646
215/16E-11K02 M	570.0	12/28/84	305.0(9)	265.0	5050	215/18E-30P01 M		465.0	12/14/84	492.0	-27.0	5646
215/16E-12H02 M	563.0	12/28/84	235.0(9)	328.0	5050	215/18E-32C01 M		421.0	12/14/84	378.0	43.0	5646
215/16E-14D01 M	591.0	12/06/84 12/28/84	338.0 332.0(9)	253.0 259.0	5646 5050	215/18E-32P01 M			12/14/84	NM-4		5646
215/17E-01D01 M	365.0	12/06/84	267.0	98.0	5646	215/18E-33801 M		362.0	12/14/84 02/21/85	281.0 NM-7	81.0	5646 5050
215/17E-01F01 M	348.0	12/06/84	296.0	52.0	5646	215/18E-34Q01 M		333.0	02/21/85	193.0	140.0	5050
215/17E-02G01 M	375.0	12/06/84	303.0	72.0	5646	215/18E-35N01 M		300.0	12/12/84	232.0	68.0	5646
215/17E-03H01 M	412.0	12/06/84	451.0	-39.0	5646	215/18E-36M01 M		229.0	12/12/84	179.0	50.0	5646
215/17E-04G01 M	429.0	12/06/84	480.0	-51.0	5646	215/19E-02A02 M		194.0	10/09/84	8.2	185.8	5001
						215/19E-02A03 M			10/09/84	DRY		5001
						215/19E-02801 M			12/17/84 02/21/85	NM-4 74.0(9)	126.0	5646 5050
						215/19E-04H01 M			12/18/84	NM-5		5646
						215/19E-06D03 M		245.0	12/18/84	134.0	111.0	5646
						215/19E-07D01 M		251.0	12/18/84	154.0	97.0	5646

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.A	TULARE LAKE HB SOUTH VALLEY FLOOR HU WESTLANDS HA					C C-01 C-01.B	TULARE LAKE HB SOUTH VALLEY FLOOR HU RAISIN HA				
21S/19E-07N01 M	248.0	12/18/84	56.0	192.0	5646	13S/16E-33R02 M	176.0	02/11/85	41.2	134.8	5001
21S/19E-18N01 M	233.0	12/18/84	151.0	82.0	5646	13S/16E-33F01 M	175.0	10/04/84 02/11/85	NM-1 39.5	135.5	5001
21S/19E-19D03 M		12/18/84	NM-9		5646	13S/16E-33J01 M	176.0	10/04/84 02/11/85	90.1 41.9	85.9 134.1	5001
21S/19E-20D01 M	230.0	12/18/84	132.0	98.0	5646	13S/16E-33L01 M	175.0	10/04/84 02/11/85	71.0 38.5	104.0 136.5	5001
21S/19E-20N02 M	219.0	12/18/84	161.0	58.0	5646	13S/16E-34A01 M	184.0	10/04/84 02/11/85	70.2 58.2	113.8 125.8	5001
21S/19E-30D03 M	234.0	12/18/84	159.0	75.0	5646	13S/16E-34C01 M	182.0	10/04/84 02/11/85	73.2 61.7	108.8 120.3	5001
22S/18E-01E01 M	271.0	12/14/84	410.0	-139.0	5646	13S/16E-34F01 M	180.0	10/04/84 02/11/85	70.4 44.2	109.6 135.8	5001
22S/18E-02F01 M	312.0	12/14/84	225.0	87.0	5646	13S/16E-34P02 M	177.0	10/04/84 02/11/85	83.2 59.0	93.8 118.0	5001
22S/18E-02G05 M	300.0	12/14/84	205.0	95.0	5646	13S/16E-35A01 M	190.0	10/04/84 02/11/85	73.7 51.2	116.3 138.8	5001
22S/18E-03B01 M		12/14/84	NM-4		5646	13S/16E-35J01 M	190.5	10/04/84 02/11/85	80.2 56.6	110.3 133.9	5001
22S/18E-03H01 M	345.0	12/14/84	297.0	48.0	5646	13S/16E-35L01 M	186.5	10/04/84 02/11/85	91.2 50.7	94.3 135.8	5001
22S/18E-11C01 M		12/14/84	NM-4		5646	13S/16E-36R04 M	195.0	10/04/84 02/11/85	89.4 69.0	105.6 126.0	5001
22S/18E-11K01 M	340.0	12/14/84	563.0	-223.0	5646	13S/17E-19H01 M	204.2	10/01/84 01/01/85	33.0 28.8	171.2 175.4	5001
22S/18E-13K01 M	278.0	12/14/84	230.0	48.0	5646	13S/17E-30J02 M	202.4	10/01/84 01/01/85	95.4 48.7	147.0 153.7	5001
C-01.B RAISIN HA						14S/15E-02H01 M	164.0	10/05/84 02/11/85	NM-9 25.5	138.5	5001
13S/15E-27F01 M	165.0	10/05/84 02/07/85	32.4 26.7	132.6 138.3	5001	14S/15E-C3A03 M		10/05/84 02/11/85	NM-1 NM-1		5001
13S/15E-28G01 M	161.0	10/05/84 02/07/85	12.0 16.2	149.0 144.8	5001	14S/15E-25H01 M	160.0	10/05/84 02/11/85	2.0 8.0	158.0 152.0	5001
13S/15E-34A01 M	165.0	10/05/84 02/07/85	33.5 NM-1	131.5	5001	14S/15E-25H02 M	160.0	10/05/84 02/11/85	21.0 6.0	139.0 154.0	5001
13S/15E-34C01 M	162.0	10/05/84 02/07/85	31.5 43.4	130.5 118.6	5001	14S/15E-25H03 M	160.0	10/05/84 02/11/85	67.0 NM-5	93.0	5001
13S/15E-34J01 M	164.0	10/05/84 02/07/85	19.9 DRY	144.1	5001	14S/16E-C3A01 M	184.0	10/04/84 02/11/85	96.9 77.2	97.1 106.8	5001
13S/15E-34J02 M		10/05/84 02/07/85	NM-1 NM-6		5001	14S/16E-03P01 M	175.0	10/04/84 02/11/85	93.8 57.7	81.2 117.3	5001
13S/15E-34J03 M	163.0	10/05/84 02/07/85	38.2 27.4	124.8 135.6	5001	14S/16E-04A01 M	174.0	10/04/84 02/11/85	77.4 NM-3	96.6	5001
13S/15E-34J05 M	161.0	10/05/84 02/07/85	39.5 40.0	121.5 121.0	5001	14S/16E-04C01 M	170.0	10/04/84 02/11/85	72.5 49.5	97.5 120.5	5001
13S/15E-34J06 M	161.0	10/05/84 02/07/85	18.5 17.1	142.5 143.9	5001	14S/16E-C4001 M	170.5	10/04/84 02/11/85	71.3 NM-3	99.2	5001
13S/15E-34R01 M	160.0	10/05/84 02/07/85	37.4 27.7	122.6 132.3	5001	14S/16E-04L01 M	161.9	10/04/84 02/18/85	87.0 50.0	74.9 111.9	5001
13S/15E-35D01 M	165.5	10/05/84 02/07/85	40.2 20.5	125.3 145.0	5001	14S/16E-05C02 M	171.0	10/04/84 02/18/85	69.1 39.0	101.9 132.0	5001
13S/15E-35D02 M	165.5	10/05/84 02/07/85	23.3 26.5	142.2 139.0	5001	14S/16E-05F01 M	167.0	10/04/84 02/18/85	34.0 38.7	133.0 128.3	5001
13S/15E-35D03 M	165.5	10/05/84 02/07/85	82.0 35.5	83.4 130.0	5001	14S/16E-05G01 M	168.0	10/04/84 02/18/85	76.0 38.9	92.0 129.1	5001
13S/16E-26L01 M		10/04/84 02/08/85	NM-1 43.1		5001	14S/16E-C5J01 M	168.0	10/04/84 02/18/85	66.2 NM-4	101.8	5001
13S/16E-27A01 M	189.0	10/04/84 02/08/85	44.7 NM-4	144.3	5001	14S/16E-06A01 M	170.0	10/04/84 02/18/85	68.5 39.4	101.5 130.6	5001
13S/16E-27R01 M	187.0	10/04/84 02/08/85	50.4 NM-1	136.6	5001	14S/16E-06G01 M	197.0	10/04/84 02/18/85	36.2	160.8	5001
13S/16E-27C01 M	186.0	10/04/84 02/08/85	39.4 40.0	146.6 146.0	5001	14S/16E-07C01 M	165.0	10/04/84 02/18/85	29.7	135.3	5001
13S/16E-27F01 M	183.5	10/04/84 02/08/85	49.7 NM-1	133.8	5001	14S/16E-08J01 M		10/04/84 02/18/85	NM-1 NM-9		5001
13S/16E-27H01 M		10/04/84 02/08/85	NM-1 40.0		5001	14S/16E-C9A01 M		10/04/84 02/18/85	NM-9 NM-7		5001
13S/16E-28L02 M	180.0	10/04/84 02/08/85	62.0 47.5	118.0 132.5	5001	14S/16E-12A01 M	190.0	10/04/84 02/18/85	132.3 NM-3	97.7	5001
13S/16E-29J02 M	179.0	10/04/84 02/08/85	78.2 40.0	100.8 139.0	5001	14S/16E-16A01 M	170.0	10/04/84 02/18/85	41.7	128.3	5001
13S/16E-30E01 M	175.0	10/04/84 02/06/85	62.7 NM-5	112.3	5001	14S/16E-18R01 M	160.0	10/04/84 02/18/85	76.5 20.6	83.4 139.4	5001
13S/16E-30L03 M	179.0	10/04/84 02/06/85	10.3 13.5	164.7 161.5	5001						
13S/16E-31K01 M		10/04/84 02/11/85	NM-5 5.4		5001						
13S/16E-32E01 M	175.0	10/04/84 02/11/85	5.0 35.0	170.0 140.0	5001						
13S/16E-32F01 M		10/04/84 02/11/85	NM-4 NM-3		5001						
13S/16E-33B02 M	176.0	10/04/84	70.4	105.6	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.8	TULARE LAKE HB SOUTH VALLEY FLOOR HU RAISIN HA					C C-01 C-01.8		TULARE LAKE HB SOUTH VALLEY FLOOR HU RAISIN HA				
14S/16E-23L01 M	170.5	10/04/84 02/18/85	56.1 45.1	114.4 125.4	5001	15S/18E-06A01 M		207.0	02/04/85	110.0	97.0	5001
14S/16E-24A01 M	181.0	10/03/84 02/18/85	113.0 NM-6	68.0	5001	15S/18E-07A02 M		204.0	02/04/85	120.4	83.6	5001
14S/16E-26R02 M	172.0	02/04/85	53.5	118.5	5001	15S/18E-08A01 M		207.0	02/04/85	112.2	94.8	5001
14S/17E-04R01 M	205.2	10/01/84 01/01/85	88.2 77.3	117.0 127.9	5001	15S/18E-10N01 M			01/31/85 09/30/85	DRY NM-7		5001
14S/17E-05D01 M	201.4	10/01/84 10/03/84 01/01/85 02/18/85	78.3 90.9 74.1 78.3	123.1 110.5 127.3 123.1	5631 5001 5631 5001	15S/18E-12B01 M		223.0	10/09/84 02/20/85	117.7 120.7	105.3 102.3	5001
14S/17E-06C01 M	197.1	10/01/84 01/01/85	83.3 72.3	113.8 124.8	5631	15S/18E-14A02 M		217.0	10/09/84 02/20/85	141.5 127.0	75.5 90.0	5001
14S/17E-08D02 M		10/03/84 02/18/85	NM-4 97.8		5001	15S/18E-15A01 M		212.0	10/25/84 02/20/85	146.0(9) NM-1	66.0	5001
14S/17E-14J01 M	209.0	10/03/84 02/19/85	125.3 NM-1	83.7	5001	15S/18E-15J01 M		210.0	10/09/84 02/20/85	144.0 NM-4	66.0	5001
14S/17E-15H02 M	202.0	10/03/84 02/19/85	117.5 137.2	84.5 64.8	5001	15S/18E-17C01 M		203.0	02/04/85	131.4	71.6	5001
14S/17E-17R01 M	193.0	10/03/84 02/19/85	123.7 NM-3	69.3	5001	15S/18E-17R01 M		203.0	10/05/84 01/31/85 09/30/85	154.9 139.9 159.9	48.1 63.1 43.1	5001
14S/17E-18H01 M		10/03/84 02/19/85	NM-9 NM-3		5001	15S/18E-19R01 M		197.2	10/05/84 01/31/85 09/30/85	159.6 148.4 NM-8	37.6 48.8	5001
14S/17E-21A01 M	201.0	10/03/84 02/20/85	NM-3 116.4	84.6	5001	15S/18E-22P02 M		210.0	10/09/84 02/20/85	177.4 118.1	32.6 91.9	5001
14S/17E-26A01 M	195.0	02/04/85	106.6	88.4	5001	15S/18E-23A02 M		214.0	10/09/84 02/20/85	177.5 152.0	36.5 62.0	5001
14S/17E-29E01 M	185.0	02/04/85	92.1	92.9	5001	15S/18E-24J01 M		224.0	10/25/84 02/20/85	158.0(9) 145.0(9)	66.0 79.0	5001
14S/17E-31R01 M	180.0	02/04/85	82.6	97.4	5001	15S/18E-29J01 M		200.0	10/25/84 02/20/85	168.0(9) 165.0(9)	32.0 35.0	5001
14S/17E-32R01 M	186.0	02/04/85	92.8	93.2	5001	15S/18E-30L01 M		194.0	10/05/84 02/04/85 09/30/85	157.1 149.6 161.6	36.9 44.4 32.4	5001
14S/17E-33A01 M	191.0	02/04/85	95.7	95.3	5001	15S/18E-32E01 M		205.0	10/25/84 02/20/85	170.0(9) NM-1	30.0	5001
14S/17E-34A01 M	195.5	02/04/85	111.7	83.8	5001	15S/18E-33E01 M		200.0	10/25/84 02/20/85	173.0(9) 172.0(9)	27.0 28.0	5001
14S/17E-35A01 M	200.0	02/04/85	124.8	75.2	5001	15S/18E-33N01 M			10/25/84 02/20/85	NM-1 174.0(9)		5001
14S/17E-36A01 M	207.0	02/04/85	105.7	101.3	5001	15S/19E-07D01 M		223.0	10/25/84 02/20/85	120.0(9) 123.0(9)	103.0 100.0	5001
15S/17E-01A02 M	203.0	02/04/85	115.0	88.0	5001	15S/19E-08A01 M		233.4	10/01/84 01/31/85	94.5 84.8	138.9 148.6	5001
15S/17E-02B02 M		10/04/84 02/04/85	NM-3 NM-3		5001	15S/19E-19M01 M		224.0	10/25/84 02/20/85	151.0(9) 146.0(9)	73.0 78.0	5001
15S/17E-03L01 M	190.0	02/04/85	97.7	92.3	5001	15S/19E-21A01 M		235.0	10/25/84 02/20/85	110.0(9) 106.0(9)	125.0 129.0	5001
15S/17E-05C01 M	181.0	02/04/85	82.3	98.7	5001	15S/19E-21C03 M		232.0	10/25/84 02/20/85	114.0 109.0(9)	118.0 123.0	5001
15S/17E-07H01 M	176.0	02/04/85	67.6	108.4	5001	15S/19E-22R01 M		241.5	10/25/84 02/20/85	104.5(9) 98.5(9)	137.0 143.0	5001
15S/17E-11A01 M	196.5	02/04/85	121.2	75.3	5001	15S/19E-28E01 M		230.0	10/25/84 02/20/85	141.0(9) 132.0(9)	89.0 98.0	5001
15S/17E-12A04 M	198.0	02/04/85	125.1	72.9	5001	15S/19E-30N01 M		220.0	10/25/84 02/20/85	168.0(9) 164.0(9)	52.0 56.0	5001
15S/17E-13R02 M	194.5	02/05/85	146.1	48.4	5001	15S/19E-31D01 M		220.0	10/26/84 02/20/85	145.0(9) NM-1	55.0	5001
15S/17E-15J03 M	187.0	10/05/84 02/04/85 09/30/85	146.4 129.4 NM-3	40.6 57.6	5001	15S/19E-33Q01 M		228.0	10/26/84 02/20/85	139.0(9) 140.0(9)	89.0 88.0	5001
15S/17E-22J02 M		10/05/84 02/04/85 09/30/85	NM-3 NM-3 NM-3		5001	15S/19E-34C01 M		235.0	10/26/84 02/20/85	122.0(9) 141.0(9)	113.0 94.0	5001
15S/17E-23A01 M	193.0	02/05/85	131.9	61.1	5001	15S/19E-35N02 M		238.0	10/25/84 02/20/85	122.0(9) 125.0(9)	116.0 113.0	5001
15S/17E-25R01 M	190.0	10/05/84 02/04/85 09/30/85	157.2 144.7 162.0	32.8 45.3 28.0	5001	16S/18E-01J02 M		215.5	10/25/84 02/20/85	170.0(9) 171.0(9)	46.5 45.5	5001
15S/17E-26A01 M	189.0	02/05/85	147.2	41.8	5001	16S/18E-03A01 M		206.0	10/25/84 02/20/85	176.0(9) 178.0(9)	30.0 28.0	5001
15S/17E-27H02 M	185.5	10/05/84 02/05/85 09/20/85	125.2 116.1 133.8	60.3 69.4 51.7	5001	16S/18E-03J01 M		206.0	10/25/84 02/20/85	170.5(9) 172.5(9)	35.5 33.5	5001
15S/17E-35A01 M	187.5	02/05/85	133.7	53.8	5001	16S/18E-04D01 M		198.0	10/25/84 02/20/85	170.0(9) 165.0(9)	28.0 33.0	5001
15S/17E-36G01 M		10/04/84 02/04/85 09/30/85	NM-3 NM-3 NM-3		5001	16S/19E-05N01 M		191.0	10/25/84 02/20/85	151.0(9) NM-1	40.0	5001
15S/18E-01A02 M	226.0	10/09/84 02/20/85	93.0 117.5	133.0 108.5	5001	16S/18E-09FC1 M		199.0	10/25/84 02/20/85	160.0(9) 172.0(9)	38.0 26.0	5001
15S/18E-02A01 M	224.5	10/01/84 01/01/85 02/04/85	106.5 99.6 98.2	118.0 124.9 126.3	5001							
15S/18E-03R01 M	217.5	10/05/84 01/31/85 09/30/85	131.8 118.4 133.6	85.7 99.1 83.9	5001							
15S/18E-04A02 M	216.0	02/04/85	105.5	110.5	5001							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.B	TULARE LAKE HB SOUTH VALLEY FLOOR HU RAISIN HA					C C-01 C-01.C	TULARE LAKE HB SOUTH VALLEY FLOOR HU FRESNO HA				
16S/18E-12R02 M	213.0	10/25/84 02/20/85	167.0(9) NM-6	46.0	5001	12S/21E-20Q01 M	382.0	10/05/84 02/06/85 09/30/85	31.5 41.4 44.6	350.5 340.6 337.4	5001
16S/18E-13F01 M	208.0	10/25/84 02/20/85	162.0(9) 167.0	46.0 41.0	5001	12S/21E-21P01 M		10/05/84 02/06/85	NM-9 NM-2		5001
16S/19E-17C01 M		10/26/84 02/20/85	NM-1 144.0		5001	12S/21E-29K01 M	379.0	01/31/85		341.0	5112
16S/19E-20D01 M		10/26/84 02/20/85	NM-2 NM-2		5001	12S/21E-31A01 M	369.8	10/01/84 01/01/85	58.0 60.7	311.8 309.1	5001
16S/19E-21P01 M		10/26/84 02/20/85	NM-1 131.0(9)		5001	12S/21E-31C01 M	363.0	01/31/85	66.0	297.0	5112
16S/19E-26A01 M	228.8	10/01/84 02/01/85	102.0 94.9	126.8 133.9	5001	12S/21E-32M02 M	367.0	01/31/85	55.0	312.0	5112
16S/20E-20M01 M	240.9	10/01/84 02/01/85	82.9 75.1	158.0 165.8	5001	12S/21E-33Q01 M	376.0	01/31/85	39.0	337.0	5112
16S/21E-20M01 M	261.2	10/01/84 02/01/85	48.3 41.9	212.9 219.3	5001	12S/21E-33P01 M	374.0	10/01/84 01/01/85	47.5 49.7	326.5 324.3	5001
17S/20E-01C01 M	242.9	10/01/84 02/01/85	55.3 46.9	187.6 196.0	5001	12S/21E-33P02 M	370.0	01/31/85	48.0	322.0	5112
17S/20E-02J01 M	240.0	10/26/84 02/21/85	51.5 NM-1	188.5	5001	12S/21E-34Q01 M	387.7	10/01/84 01/01/85	43.0 42.4	344.7 345.3	5001
17S/21E-01C01 M	269.0	10/01/84 02/01/85	31.9 28.3	237.1 240.7	5001	12S/21E-34H01 M	390.0	01/31/85	42.0	348.0	5112
17S/21E-03C01 M	260.5	10/01/84 02/01/85	45.2 39.7	215.3 220.8	5001	12S/21E-35R01 M	402.0	01/31/85	46.0	356.0	5112
17S/21E-05C01 M	252.5	10/01/84 02/01/85	53.8 45.3	198.7 207.2	5001	13S/17E-11R01 M	233.0	10/04/84 02/11/85	37.0 37.9	196.0 195.1	5001
17S/21E-11K01 M	257.0	10/29/84 02/22/85	27.0 25.0	230.0 232.0	5001	13S/17E-14D01 M	229.0	10/03/84 02/11/85	33.5 41.7	195.5 187.3	5001
17S/21E-13M01 M	260.0	10/29/84 02/22/85	21.0 29.0	239.0 231.0	5001	13S/17E-20A02 M	209.7	10/01/84 01/01/85	28.2 28.2	181.5 181.5	5001
17S/22E-05C01 M	277.0	10/01/84 02/01/85	24.6 20.6	252.4 256.4	5001	13S/17E-22R01 M	220.8	10/01/84 01/01/85	35.6 36.9	185.2 183.9	5001
17S/22E-07A01 M		10/29/84 02/22/85	NM-1 NM-1		5001	13S/17E-23M01 M	223.0	10/03/84 02/11/85	47.5 54.5	175.5 168.5	5001
17S/22E-18M01 M	267.0	01/25/85	14.4	252.6	5001	13S/17E-24AC1 M	240.0	10/03/84 02/11/85	43.7 47.0	196.3 193.0	5001
C-01.C	FRESNO HA					13S/17E-25C01 M	231.6	10/01/84 01/01/85	42.0 43.5	189.6 188.1	5001
12S/19E-34P01 M	317.8	10/01/84 01/01/85	97.2 94.8	220.6 223.0	5001	13S/17E-27J01 M		10/03/84 02/11/85	NM-9 NM-4		5001
12S/20E-13E01 M	388.0	01/31/85	114.0	274.0	5112	13S/17E-28M01 M	213.0	10/03/84 02/11/85	47.1 NM-1	165.9	5001
12S/20E-13H01 M	387.0	02/06/85	90.7	296.3	5001	13S/17E-32H01 M	209.3	10/01/84 01/01/85	67.0 62.9	142.3 146.4	5001
12S/20E-23A01 M	382.0	10/05/84 02/06/85 09/30/85	120.2 110.4 133.3	261.8 271.6 248.7	5001	13S/17E-33D01 M	211.0	10/03/84 02/11/85	62.7 63.8	148.3 147.2	5001
12S/20E-25E02 M	362.0	01/31/85	85.0	277.0	5112	13S/17E-34F01 M	215.3	10/01/84 01/01/85	54.5 54.7	160.8 160.6	5001
12S/20E-25H01 M	366.0	01/31/85	74.0	292.0	5112	13S/17E-35L01 M	220.0	10/05/84 02/11/85	54.0 84.7	166.0 135.3	5001
12S/20E-26D02 M	370.6	10/01/84 01/01/85	112.9 112.4	257.7 258.2	5001	13S/17E-36M01 M	220.0	10/01/84	55.2	164.8	5631
12S/20E-26E01 M	365.0	01/31/85	120.0	245.0	5112	13S/18E-02P01 M	270.0	10/05/84 02/07/85	53.4 NM-9	216.6	5001
12S/20E-26H01 M	360.5	01/31/85	87.0	273.5	5112	13S/18E-10P01 M	258.0	10/06/84 02/07/85	46.0 47.8	212.0 210.2	5001
12S/20E-26P01 M	353.0	01/31/85	95.0	258.0	5112	13S/18E-11J01 M	271.5	10/01/84 01/01/85	53.9 54.0	217.6 217.5	5001
12S/20E-34A01 M	360.0	10/05/84 02/06/85 09/30/85	123.8 123.3 124.4	236.2 236.7 235.6	5001	13S/18E-13P01 M	270.0	10/06/84 02/07/85	64.4 54.9	205.6 215.1	5001
12S/20E-34B01 M	357.0	01/31/85	116.0	241.0	5112	13S/18E-14H02 M	266.5	10/06/84 02/07/85	53.1 53.2	213.4 213.3	5001
12S/20E-34N02 M	340.0	01/31/85	109.0	231.0	5112	13S/18E-15J01 M	261.0	10/06/84 02/07/85	51.4 52.6	209.6 208.4	5001
12S/20E-35R01 M	350.0	01/31/85	88.0	262.0	5112	13S/18E-17A01 M	252.6	10/01/84 01/01/85	47.0 47.5	205.6 205.1	5001
12S/20E-36J01 M	360.0	01/31/85	87.0	273.0	5112	13S/18E-20C01 M	245.0	10/05/84 02/07/85	43.2 44.1	201.8 200.9	5001
12S/20E-36L01 M	355.0	10/05/84 02/06/85 09/30/85	95.4 87.0 94.8	259.6 268.0 260.2	5001	13S/18E-21P01 M	244.5	10/06/84 02/07/85	43.6 44.0	200.9 200.5	5001
12S/21E-17D01 M	394.0	01/31/85	85.0	309.0	5112	13S/18E-22L01 M	245.5	10/05/84 02/07/85	48.4 48.9	197.1 196.6	5001
12S/21E-17L01 M	388.0	02/06/85	61.5	326.5	5001	13S/18E-23R01 M	260.0	10/06/84 02/07/85	54.3 54.1	205.7 205.9	5001
12S/21E-17M01 M	386.0	02/06/85	54.5	331.5	5001	13S/18E-25R01 M	265.9	10/01/84 01/01/85	58.0 54.4	207.9 211.5	5001
12S/21E-18J01 M	387.0	02/06/85	79.2	307.8	5001	13S/18E-29C01 M	238.5	10/01/84 01/01/85	41.2 41.5	197.3 197.0	5001
12S/21E-19D01 M	376.0	10/01/84 01/01/85	86.7 84.5	289.3 291.5	5001						
12S/21E-19J01 M	378.0	01/31/85	55.0	323.0	5112						
12S/21E-19Q01 M	373.0	01/31/85	61.0	312.0	5112						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.C	TULARE LAKE H8 SOUTH VALLEY FLOOR HU FRESNO HA					C C-01 C-01.C	TULARE LAKE H8 SOUTH VALLEY FLOOR HU FRESNO HA				
13S/18E-32N01 M	231.3	10/01/84 01/01/85	55.3 54.5	176.0 176.8	5001	13S/20E-28C01 M	307.0	09/30/85	94.0	213.0	5001
13S/18E-34D01 M	245.0	10/06/84 02/07/85	53.9 52.9	191.1 192.1	5001	13S/20E-28E01 M	299.3	01/23/85 09/30/85	93.0 95.0	206.3 204.3	5001
13S/19E-03J01 M	310.5	10/06/84 02/07/85	134.5 107.6	176.0 202.9	50C1	13S/20E-28N01 M	294.0	01/23/85 09/30/85	80.3 83.0	213.7 211.0	5001
13S/19E-07A01 M	285.0	10/06/84 02/07/85	65.0 65.9	220.0 219.1	5001	13S/20E-28R01 M	300.8	01/23/85 09/30/85	91.5 94.8	209.3 206.0	5001
13S/19E-07J01 M	278.8	10/01/84 01/01/85	57.6 59.6	221.2 219.2	5631	13S/20E-29K01 M	296.3	01/23/85 09/30/85	85.0 85.5	211.3 210.8	5001
13S/19E-16K01 M	290.0	10/06/84 02/07/85	86.1 94.4	203.9 195.6	5001	13S/20E-30801 M	301.0	01/23/85 09/30/85	90.8 94.0	210.2 207.0	5001
13S/19E-18E01 M	272.4	10/01/84 01/01/85	56.0 59.9	216.4 212.5	5631	13S/20E-32001 M	293.3	01/23/85 09/30/85	79.0 82.0	214.3 211.3	5001
13S/19E-22N01 M		10/01/84 01/01/85	NM-7 NM-7		5001 5631	13S/20E-32L02 M	292.1	01/23/85 09/30/85	84.5 84.0	207.6 208.1	5001
13S/19E-23E01 M	285.8	10/01/84 01/01/85	69.6 67.9	216.2 217.9	5001	13S/20E-33J01 M	290.0	01/23/85 09/30/85	78.0 81.5	212.0 208.5	5001
13S/19E-27R01 M	274.0	10/01/84 01/01/85	62.9 61.5	211.1 212.5	5001	13S/20E-34801 M	301.0	01/23/85 09/30/85	89.5 97.3	211.5 203.7	5001
13S/19E-36A01 M	289.8	10/01/84 01/01/85	79.3 NM-7	210.5	5001	13S/20E-34M01 M	298.2	01/23/85 09/30/85	95.8 103.0	202.4 195.2	5001
13S/20E-03H02 M	339.0	01/23/85 09/30/85	108.0 113.5	231.0 225.5	5001	13S/20E-35D01 M	309.3	01/23/85 09/30/85	87.0 99.8	222.3 209.5	5001
13S/20E-10801 M	331.0	01/23/85 09/30/85	107.8 113.0	223.2 218.0	5001	13S/20E-35H02 M	305.3	01/23/85 09/30/85	89.8 95.0	215.5 210.3	5001
13S/20E-10001 M	323.2	01/23/85 09/30/85	100.5 103.0	222.7 220.2	5001	13S/20E-36P01 M	305.6	01/23/85 09/30/85	86.0 88.8	219.6 216.8	5001
13S/20E-11C02 M	337.0	01/23/85 09/30/85	107.0 111.8	230.0 225.2	5001	13S/21E-02M01 M	382.0	02/01/85	42.0	340.0	5112
13S/20E-12H01 M	343.4	10/01/84 01/01/85	84.9 83.4	258.5 260.0	5001	13S/21E-09J01 M	364.0	02/01/85	58.0	306.0	5112
13S/20E-13E01 M	329.0	01/23/85 09/30/85	85.8 89.8	243.2 239.2	5001	13S/21E-11A01 M		02/01/85	NM-7		5112
13S/20E-13J01 M	331.0	01/23/85 09/30/85	78.5 76.8	252.5 254.2	5001	13S/21E-11D03 M	380.0	02/01/85	40.0	340.0	5112
13S/20E-14801 M	324.0	01/23/85 09/30/85	91.8 98.0	232.2 226.0	50C1	13S/21E-14R01 M	370.0	02/01/85	13.0	357.0	5112
13S/20E-14L01 M	321.9	01/23/85 09/30/85	98.0 99.5	223.9 222.4	5001	13S/21E-15P01 M	369.0	02/01/85	41.0	328.0	5112
13S/20E-15L01 M	315.6	01/23/85 09/30/85	97.3 102.0	218.3 213.6	5001	13S/21E-23D01 M	362.0	10/01/84 01/01/85	15.0 16.0	347.0 346.0	5001
13S/20E-16001 M	313.0	01/23/85 09/30/85	96.8 100.5	216.2 212.5	50C1	13S/21E-23R01 M	374.0	02/01/85	14.0	340.0	5112
13S/20E-17F01 M	319.0	01/23/85 09/30/85	100.8 106.0	218.2 213.0	5001	13S/21E-24J01 M	370.0	10/01/84 01/01/85	12.0 12.0	358.0 358.0	5001
13S/20E-19C01 M	307.6	01/23/85 09/30/85	88.0 93.8	219.6 213.8	50C1	13S/21E-25N01 M		02/01/85	NM-9		5112
13S/20E-20E01 M	304.0	01/23/85 09/30/85	88.3 93.0	215.7 211.0	50C1	13S/21E-27M01 M	339.0	02/01/85	41.0	298.0	5112
13S/20E-20H01 M	304.4	01/23/85 09/30/85	90.8 95.5	213.6 208.9	5001	13S/21E-28A01 M	341.7	10/01/84 01/01/85	41.5 41.5	300.2 300.2	5631
13S/20E-20R01 M	299.4	01/23/85 09/30/85	85.5 91.0	213.9 208.4	50C1	13S/21E-30P01 M	316.0	01/23/85 09/30/85	76.0 79.5	240.0 236.5	5001
13S/20E-21J01 M	310.0	01/23/85 09/30/85	92.3 96.0	217.7 214.0	5001	13S/21E-31A02 M	320.0	01/23/85 09/30/85	74.0 77.5	246.0 242.5	5001
13S/20E-21K01 M	306.5	01/23/85 09/30/85	99.5 102.0	207.0 204.5	50C1	13S/21E-31E02 M	310.5	01/23/85 09/30/85	85.8 90.5	224.7 220.0	5001
13S/20E-22A01 M	320.4	01/23/85 09/30/85	96.3 99.8	224.3 220.8	5001	13S/21E-33N01 M	328.0	02/01/85	45.0	263.0	5112
13S/20E-22L01 M	312.8	01/23/85 09/30/85	94.0 97.0	218.8 215.8	50C1	13S/21E-34H02 M	342.0	02/01/85	28.0	314.0	5112
13S/20E-23801 M	325.0	01/23/85 09/30/85	95.5 99.0	229.5 226.0	5001	13S/21E-34PC1 M	334.0	02/01/85	41.0	293.0	5112
13S/20E-23J01 M	322.2	01/23/85 09/30/85	82.3 82.0	239.9 240.2	50C1	13S/21E-36FC1 M	352.0	02/01/85	16.0	336.0	5112
13S/20E-23001 M	316.0	01/23/85 09/30/85	85.0 91.0	231.0 225.0	50C1	13S/22E-02001 M		04/30/85	NM-7		5112
13S/20E-26D01 M	313.6	01/23/85 09/30/85	101.0 104.0	212.6 209.6	5001	13S/22E-07R01 M	390.0	10/01/84 01/01/85	22.3 22.6	367.7 367.4	5001
13S/20E-27J01 M	307.0	01/23/85 09/30/85	92.3 98.8	214.7 209.2	5001	13S/22E-09N01 M	403.0	02/01/85	22.0	381.0	5112
13S/20E-28C01 M	307.0	01/23/85	94.4	212.5	5001	13S/22E-11801 M	445.0	10/05/84 02/07/85	8.0 11.6	438.0 434.4	5001
						13S/22E-13A01 M	437.0	10/01/84 01/01/85	11.2 10.2	425.8 426.8	5001
						13S/22E-13A02 M		10/06/84 02/11/85	NM-9 NM-9		5001
						13S/22E-14801 M	434.0	01/31/85	24.0	410.0	5112
						13S/22E-15R01 M	413.0	01/31/85	24.0	389.0	5112
						13S/22E-20A01 M	380.0	02/01/85	7.0	373.0	5112

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.C	TULARE LAKE HS SOUTH VALLEY FLOOR HU FRESNO HA					C C-01 C-01.C	TULARE LAKE HS SOUTH VALLEY FLOOR HU FRESNO HA				
135/22E-21002 M	400.8	10/01/84 01/01/85	18.6 18.6	382.2 382.2	5001	145/20E-09L02 M	282.7	01/23/85 09/30/85	75.5 76.0	207.2 206.7	5001
135/22E-22R01 M	393.0	01/31/85	14.0	379.0	5112	145/20E-10C01 M	291.4	01/23/85 09/30/85	87.3 101.0	204.1 190.4	5001
135/22E-23F01 M	405.0	01/31/85	11.0	394.0	5112	145/20E-10M01 M	291.4	01/23/85 09/30/85	80.0 88.5	211.4 202.9	5001
135/22E-27L01 M	385.0	02/01/85	9.0	376.0	5112	145/20E-11F01 M	295.4	01/23/85 09/30/85	75.3 80.0	220.1 215.4	5001
135/22E-28803 M	383.0	02/01/85	10.0	373.0	5112	145/20E-14F01 M	287.2	01/23/85 09/30/85	62.0 68.5	225.2 218.7	5001
135/22E-29M02 M	374.0	02/01/85	13.0	361.0	5112	145/20E-16A01 M	283.4	01/23/85 09/30/85	65.0 68.0	218.4 215.4	5001
135/22E-31P01 M	359.0	02/01/85	22.0	337.0	5112	145/20E-19801 M	267.7	10/01/84 01/01/85	47.6 48.3	220.1 219.4	5001
135/22E-34R01 M	384.0	02/01/85 08/21/85	25.0 27.0	359.0 357.0	5112	145/20E-26A01 M		10/01/84 01/01/85	NM-7 NM-6		5001
135/23E-17001 M	500.0	10/06/84 02/11/85	8.2 10.9	491.8 489.1	5001	145/20E-33F01 M	270.4	10/01/84 01/01/85	37.3 37.1	233.1 233.3	5001
135/23E-19M01 M	412.0	01/01/85	11.5	400.5	5631	145/20E-34R01 M	280.0	10/01/84 01/01/85	35.3 35.1	244.7 244.9	5001
135/23E-30C01 M	411.4	10/01/84 01/01/85	18.4 16.8	393.0 394.6	5001	145/21E-06E01 M	310.1	01/23/85 09/30/85	95.0 100.5	215.1 209.6	5001
135/23E-30001 M	406.0	02/01/85	15.0	391.0	5112	145/21E-07M01 M	302.8	01/23/85 09/30/85	78.8 82.5	224.0 220.3	5001
145/17E-01E01 M	219.0	10/03/84 02/18/85	73.0 66.2	146.0 152.8	5001	145/21E-21001 M		01/01/85	NM-2		5631
145/17E-03F01 M	210.0	10/03/84 02/18/85	92.2 75.4	117.8 134.8	5001	145/21E-22001 M	316.0	10/01/84 01/01/85	40.4 36.9	275.6 279.1	5001
145/17E-11A01 M		10/03/84 02/18/85	NM-4 85.9		5001	145/21E-29001 M	301.1	10/01/84 01/01/85	38.0 37.9	263.1 263.2	5001
145/18E-02801 M	250.2	10/01/84 01/01/85	54.1 53.8	196.1 196.4	5001	145/21E-32M01 M	305.0	10/01/84 01/01/85	29.0 27.5	276.0 277.5	5001
145/18E-04A01 M	239.5	10/01/84 01/01/85	53.9 54.6	185.6 184.9	5001	145/22E-03801 M	381.2	10/01/84 01/01/85	25.0 24.6	356.2 356.6	5001
145/18E-06J01 M	227.4	10/01/84 01/01/85	69.6 66.0	157.8 161.4	5001	145/22E-06A01 M	362.0	10/01/84 01/01/85	25.2 24.3	336.8 337.7	5001
145/18E-10G01 M		10/01/84 01/01/85	NM-2 NM-2		5001	155/19E-03J01 M	244.0	10/01/84 01/01/85	59.3	184.7	5001
145/18E-13R01 M	238.2	10/01/84 01/01/85	52.1 50.5	186.1 187.7	5001	155/19E-12M02 M	249.5	10/01/84 02/01/85	63.4 61.7	186.1 187.8	5001
145/18E-18E01 M	214.0	02/04/85	77.3	136.7	5001	155/19E-14M01 M	242.4	10/01/84 01/01/85	85.9 80.7	156.5 161.7	5001
145/18E-21M01 M		10/01/84 01/01/85	NM-8 75.6		5001	155/20E-07E02 M	251.8	10/01/84 01/01/85	27.1 37.8	224.7 214.0	5001
145/18E-29M01 M	220.5	02/04/85	96.2	124.3	5001	155/20E-09K01 M	271.3	10/01/84 01/01/85	38.4 37.7	232.9 233.6	5001
145/18E-33C01 M	218.0	10/01/84 01/01/85	89.1 89.8	128.9 128.2	5001	155/20E-12F01 M	289.2	10/01/84 01/01/85	27.5 27.9	261.7 261.3	5001
145/19E-04R01 M	262.4	10/01/84 01/01/85	55.3 53.5	207.1 208.9	5001	155/20E-13D01 M	283.1	10/01/84 02/01/85	28.2 28.5	254.9 254.6	5001
145/19E-07D01 M	248.3	10/01/84 01/01/85	52.5 52.3	195.8 196.0	5001	155/20E-13E02 M	282.5	10/01/84 01/01/85	31.6 29.1	250.9 253.4	5001
145/19E-11M01 M	266.9	10/01/84 01/01/85	54.7 54.0	212.2 212.9	5001	155/20E-15D01 M	273.1	10/01/84 02/01/85	41.1 40.8	232.0 232.3	5001
145/19E-22R01 M	251.3	10/01/84 01/01/85	45.9 41.9	205.4 209.4	5001	155/20E-17D01 M	261.6	10/01/84 02/01/85	54.7 57.0	206.9 204.6	5001
145/19E-33001 M	240.9	10/01/84 01/01/85	54.3 49.2	186.6 191.7	5001	155/20E-25D01 M	275.6	10/01/84 02/01/85	37.4 35.5	238.2 240.1	5001
145/19E-36A01 M	257.6	10/01/84 01/01/85	45.8 44.2	211.8 213.4	5001	155/20E-28A01 M	284.8	10/01/84 02/01/85	48.8 47.5	216.0 217.3	5001
145/20E-01J01 M	310.0	01/23/85 09/30/85	97.0 106.3	213.0 203.7	5001	155/21E-03D01 M	313.7	10/01/84 02/01/85	20.2 22.5	293.5 291.2	5001
145/20E-01P01 M	311.0	01/23/85 09/30/85	88.0 99.8	223.0 211.2	5001	155/21E-06C01 M	297.6	10/01/84 01/01/85	30.3 29.5	267.3 268.1	5001
145/20E-02J02 M	301.4	01/23/85 09/30/85	82.0 88.8	219.4 212.6	5001	C-01.D ACADEMY HA					
145/20E-02Q01 M	296.9	01/23/85 09/30/85	83.5 89.0	213.4 207.9	5001	125/20E-01M01 M		10/04/84 02/07/85 09/30/85	NM-1 29.9 36.4		5001
145/20E-03C02 M	296.5	01/23/85 09/30/85	90.5 93.5	206.0 203.0	5001	125/20E-02R01 M	298.0	10/04/84 02/07/85 09/30/85	28.0 28.3 31.0	270.0 269.7 267.0	5001
145/20E-03J01 M	293.2	01/23/85 09/30/85	82.0 87.0	213.2 208.2	5001	125/20E-11K02 M	362.0	10/04/84 02/07/85	100.4 105.1	261.6 256.9	5001
145/20E-03M01 M	293.4	01/23/85 09/30/85	81.3 88.5	212.1 204.9	5001	125/21E-06001 M	407.0	02/06/85	109.2	297.8	5001
145/20E-04F01 M	286.1	01/23/85 09/30/85	75.8 78.8	210.3 207.3	5001						
145/20E-08R01 M	279.9	01/23/85 09/30/85	61.0 62.8	218.9 217.1	5001						
145/20E-09C01 M	284.0	01/23/85 09/30/85	69.8 78.8	214.2 205.2	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.0	TULARE LAKE HB SOUTH VALLEY FLOOR HU ACADEMY HA					C C-01 C-01.E		TULARE LAKE HB SOUTH VALLEY FLOOR HU ORANGE COVE HA				
12S/21E-07A02 M	405.5	02/06/85	99.7	305.8	50C1	14S/24E-21001 M		450.0	01/29/85 09/30/85	2.5 3.9	447.5 446.1	5001
12S/21E-07J01 M	399.0	02/06/85	93.7	305.3	5001	14S/24E-21H01 M			10/01/84 01/29/85 09/30/85	NH-9 NH-9 NH-9		5001
12S/21E-07R02 M	395.0	02/06/85	85.5	309.5	5001	14S/24E-22L01 M		482.9	10/01/84 01/29/85 09/30/85	3.5 5.5 NH-1	479.4 477.4	5001
12S/21E-09G01 M	400.0	01/31/85	14.0	386.0	5112	14S/24E-22N01 M		485.0	10/01/84 01/29/85 09/30/85	7.5 19.0 NH-1	477.5 466.0	5001
12S/21E-09H01 M		01/31/85	NH-7		5112	14S/24E-24H01 M		524.0	10/02/84 01/21/85 09/30/85	27.5 10.7 57.0	496.5 513.3 467.0	5001
12S/21E-17G01 M	389.0	02/06/85	63.1	325.9	5001	14S/24E-28J01 M		443.0	10/01/84 01/29/85 09/30/85	35.2 32.7 35.6	407.8 410.3 407.4	5001
12S/21E-18A03 M	390.5	02/06/85	90.8	299.7	5001	14S/24E-28R03 M		433.9	10/01/84 01/29/85 09/30/85	8.7 DRY 9.5	425.2	5001
12S/21E-18B01 M	392.0	02/06/85	79.5	312.5	50C1	14S/24E-29C02 M		432.0	10/01/84 01/29/85 09/30/85	44.1 37.0 48.3	387.9 395.0 383.7	5001
12S/21E-22P01 M		10/05/84 02/06/85	NH-9 NH-1		5001	14S/24E-29K01 M		425.0	10/01/84 01/29/85 09/30/85	47.5 44.1 52.8	377.5 380.9 372.2	5001
12S/21E-23G01 M	416.8	10/05/84 02/06/85	4.6 7.3	412.2 409.5	5001	14S/24E-30G01 M			10/02/84 01/21/85 09/30/85	NH-9 NH-2 NH-9		5001
12S/21E-26M02 M		01/31/85	NH-7		5112	14S/24E-34R01 M		439.0	10/01/84 01/29/85 09/30/85	6.5 NH-6 8.4	432.5 430.6	5001
12S/21E-26R01 M	410.0	10/05/84 02/11/85	44.3 NH-9	365.7	5001	14S/24E-35R01 M		445.0	10/01/84 01/29/85 09/30/85	10.0 19.0 33.0	435.0 426.0 412.0	5001
12S/21E-35K01 M	399.0	01/31/85	50.0	349.0	5112	14S/25E-30D01 M		510.0	10/02/84 01/21/85 09/30/85	19.5 19.5 30.5	490.5 490.5 479.5	5001
12S/21E-36H01 M	419.0	01/31/85	40.0	379.0	5112	15S/24E-10H01 M		413.5	10/01/84 01/29/85 09/30/85	9.4 9.5 10.9	404.1 404.0 402.6	5001
12S/21E-36K01 M	409.0	01/31/85	49.0	360.0	5112	15S/24E-11A01 M		427.0	10/01/84 01/29/85 09/30/85	7.0 6.0 10.0	420.0 421.0 417.0	5001
12S/22E-18M01 M	440.0	10/05/84 02/11/85 09/30/85	7.1 12.4 16.8	432.9 427.6 423.2	50C1	15S/24E-12G02 M		434.4	10/01/84 01/29/85 09/30/85	7.5 7.5 6.5	426.9 426.9 427.9	5001
12S/22E-21E01 M		10/05/84 02/11/85 09/30/85	NH-1 NH-9 NH-2		5001	15S/24E-12H01 M		445.0	10/01/84 01/29/85 09/30/85	28.8 14.5 18.0	416.2 430.5 427.0	5001
12S/22E-26L01 M	485.0	01/31/85	11.0	474.0	5112	15S/24E-12P01 M		437.8	10/01/84 01/29/85	11.5 11.5	426.3 426.3	5001
12S/22E-27G01 M	481.0	10/05/84 02/11/85 09/30/85	10.5 NH-1 3.0	470.5 478.0	5001	15S/24E-14H01 M		415.0	10/01/84 01/29/85 09/30/85	14.5 16.0 11.5	400.5 399.0 403.5	5001
12S/22E-29D01 M	460.0	10/05/84 02/11/85 09/30/85	42.9 23.3 NH-1	417.1 436.7	5001	15S/24E-23C01 M		403.0	10/01/84 01/29/85	29.3 21.0	373.7 382.0	5001
12S/22E-29H01 M	462.0	10/05/84 02/11/85 09/30/85	27.8 20.8 34.8	434.2 441.2 427.2	50C1	15S/24E-23J01 M		405.0	10/01/84 01/29/85	36.5 31.6	368.5 373.4	5001
12S/22E-30O01 M	439.0	10/05/84 02/11/85 09/30/85	10.3 15.5 30.3	428.7 423.5 408.7	5001	15S/24E-24P01 M		416.1	10/01/84 01/29/85	NH-1 41.0	375.1	5001
12S/22E-30N01 M	430.0	10/05/84 02/11/85 09/30/85	30.8 31.6 23.2	399.2 398.4 406.8	50C1	15S/24E-24Q01 M		418.0	10/01/84 01/29/85	43.7 38.8	374.3 379.2	5001
12S/22E-32R02 M		01/31/85	NH-7		5112	15S/24E-26R01 M		400.0	10/01/84 01/29/85	37.3 32.4	362.7 367.6	5001
12S/22E-35N01 M	445.0	01/31/85	11.0	434.0	5112	15S/24E-35G01 M		391.0	10/02/84 01/23/85	41.5 34.0	349.5 357.0	5001
13S/22E-02A01 M	457.0	10/06/84 02/07/85	17.2 20.8	439.8 436.2	5001	15S/24E-36F01 M		402.0	10/01/84 01/29/85	43.6 39.3	358.4 363.7	5001
13S/22E-06H01 M	415.0	02/01/85	56.0	359.0	5112	15S/25E-06Q01 M		464.0	10/01/84 01/29/85	32.5 24.0	431.5 440.0	5001
13S/22E-07J01 M	391.0	02/01/85	19.0	372.0	5112	15S/25E-07O01 M		454.0	10/01/84 01/29/85	6.0 17.0	448.0 437.0	5001
13S/22E-08A01 M	412.0	01/31/85	36.0	376.0	5112	15S/25E-07G01 M		456.0	10/01/84 01/29/85	23.5 12.5	432.5 443.5	5001
C-01.E	ORANGE COVE HA					15S/25E-16R01 M		492.0	10/01/84 01/29/85	2.5 17.0	489.5 475.0	5001
14S/23E-02E01 M	416.0	02/06/85 09/27/85	8.9 9.0	407.1 407.0	5001	15S/25E-17D03 M		462.0	10/01/84 01/29/85	14.0 13.3	448.0 448.7	5001
14S/23E-02F01 M		10/02/84 01/21/85 09/30/85	NH-1 8.8 8.0		5001							
14S/23E-11001 M	412.0	02/06/85 09/27/85	9.0 7.9	403.0 404.1	5001							
14S/23E-11F01 M	462.0	10/02/84 01/21/85 09/30/85	25.9 NH-9 34.0	436.5 428.0	50C1							
14S/23E-14A01 M		10/02/84 01/21/85 09/30/85	NH-1 5.0 6.0		5001							
14S/24E-15L01 M	500.0	10/02/84 01/21/85 09/30/85	16.0 13.5 26.5	484.0 486.5 473.5	5001							
14S/24E-17C01 M	461.0	10/01/84 01/29/85	6.2 5.5	454.8 455.5	5001							
14S/24E-17J01 M		10/02/84 01/21/85 09/30/85	NH-9 20.5 NH-9		5001							
14S/24E-21001 M	450.0	10/01/84	3.5	446.5	5001							

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.E	TULARE LAKE HB SOUTH VALLEY FLOOR HU ORANGE COVE HA					C C-01 C-01.F	TULARE LAKE HB SOUTH VALLEY FLOOR HU ALTA HA				
15S/23E-18C02 M	445.0	10/01/84 01/29/85	7.5 5.3	437.5 439.7	5001	15S/23E-24001 M	357.0	09/30/85	46.6	310.4	5001
15S/23E-19A01 M	455.0	10/01/84 01/29/85	NM-7 32.5	422.5	5001	15S/23E-24H01 M	349.1	02/06/85 09/27/85	35.5 43.8	313.6 305.3	5001
15S/25E-19J01 M	448.0	10/01/84 01/29/85	43.0 34.1	405.0 413.9	5001	15S/23E-24H02 M	351.0	10/02/84 01/21/85 09/30/85	42.5 37.0 45.5	308.5 314.0 305.5	5001
15S/25E-29A01 M	465.0	10/01/84 01/30/85	35.5 15.5	429.5 449.5	5001	15S/23E-35D01 M	340.0	02/03/85 09/26/85	38.2 42.2	301.8 297.8	5001
15S/25E-29E01 M	436.5	10/01/84 01/30/85	9.5 9.5	427.0 427.0	50C1	15S/23E-36A01 M	344.0	02/05/85 09/27/85	22.4 21.5	323.6 324.5	5001
15S/25E-31A01 M	425.0	10/01/84 01/30/85	35.5 32.0	389.5 393.0	5001	15S/23E-36P02 M	335.0	02/05/85 09/26/85	24.5 27.0	310.5 308.0	5001
15S/25E-32F01 M	415.0	10/01/84 01/30/85	26.5 22.0	388.5 393.0	5001	15S/24E-05A01 M	400.0	10/02/84 01/23/85	14.0 15.0	386.0 385.0	5001
15S/25E-32J01 M	408.0	10/01/84 01/30/85	19.6 11.3	388.4 396.7	5001	15S/24E-05A02 M	395.0	10/02/84 01/23/85	NM-1 28.5	366.5	5001
15S/25E-33001 M	424.4	10/01/84 01/30/85	23.0 18.8	401.4 405.6	5001	15S/24E-05A03 M	399.0	02/06/85 09/27/85	14.2 19.5	384.8 379.5	5001
16S/25E-03K01 M	430.0	10/01/84 01/30/85	47.0 35.7	383.0 394.3	50C1	15S/24E-05C01 M	399.0	02/06/85 09/27/85	32.6 NM-1	365.4	5001
16S/25E-04C02 M	415.0	10/01/84 01/30/85	39.0 24.8	376.0 390.2	5001	15S/24E-06P01 M	383.0	02/06/85 09/27/85	42.0 65.5	341.0 317.5	5001
16S/25E-10J01 M	420.0	10/01/84 01/30/85	22.6 17.7	397.4 402.3	5001	15S/24E-07001 M	373.0	02/06/85 09/27/85	36.4 NM-1	336.4	5001
16S/25E-11002 M	425.0	10/01/84 01/30/85	17.0 17.7	408.0 407.3	5001	15S/24E-08L01 M	381.5	10/02/84 01/23/85	NM-1 29.5	352.0	5001
16S/25E-15E01 M	395.0	10/01/84 01/30/85	DRY 17.8	377.2	50C1	15S/24E-09H01 M	399.0	10/02/84 01/23/85	17.3 10.7	380.7 387.3	5001
16S/25E-22B01 M	392.5	10/01/84 01/30/85	10.1 10.3	382.4 382.2	50C1	15S/24E-15K01 M	397.0	10/01/84 01/29/85	12.1 10.0	384.9 387.0	5001
16S/25E-22E01 M	10/01/84	NM-6			5001	15S/24E-16A01 M	395.0	02/06/85 09/27/85	13.1 22.8	381.9 372.2	5001
C-01.F	ALTA HA					15S/24E-16P01 M	380.0	02/06/85 09/27/85	22.1 32.7	357.9 347.3	5001
14S/23E-14E01 M	388.0	02/06/85 09/27/85	13.0 17.5	375.0 370.5	5001	15S/24E-19D02 M	345.0	02/06/85 09/27/85	33.3 NM-2	331.7	5001
14S/23E-22A01 M	380.0	02/06/85 09/27/85	24.0 28.7	356.0 351.3	50C1	15S/24E-19H01 M	364.0	10/03/84 01/23/85	31.5 28.9	332.5 335.1	5001
14S/23E-25N01 M	395.0	02/06/85 09/27/85	56.2 NM-1	338.8	50C1	15S/24E-20N01 M	359.0	02/06/85 09/27/85	23.3 NM-1	335.7	5001
14S/23E-26E01 M	363.5	02/06/85 09/27/85	27.8 33.6	335.7 329.9	5001	15S/24E-22D01 M	388.0	02/06/85 09/27/85	15.0 16.6	373.0 371.4	5001
14S/23E-27C01 M	363.4	10/02/84 01/21/85 09/30/85	31.7 25.9 34.5	331.7 337.5 328.9	5001	15S/24E-22E01 M	385.0	10/03/84 01/23/85	NM-1 14.7	370.3	5001
14S/23E-34B01 M	359.0	02/06/85 09/27/85	27.3 30.0	331.7 329.0	5001	15S/24E-27A01 M	390.0	02/04/85 09/27/85	19.7 23.2	370.3 366.8	5001
14S/23E-35H01 M	387.0	10/02/84 01/21/85 09/30/85	58.4 49.6 60.5	328.6 337.4 326.5	5001	15S/24E-27P02 M	396.0	02/04/85 09/27/85	34.8 29.6	361.2 366.4	5001
14S/23E-36R01 M	391.0	02/06/85 09/27/85	41.9 52.6	349.1 338.4	5001	15S/24E-28D01 M	370.0	02/06/85 09/27/85	19.5 25.6	350.5 344.4	5001
14S/24E-31P01 M	395.0	02/06/85 09/27/85	40.2 48.2	354.8 346.8	5001	15S/24E-28G02 M	371.0	10/03/84 01/23/85	14.8 20.0	355.2 351.0	5001
15S/23E-01M01 M	380.0	02/06/85 09/27/85	42.4 49.7	337.6 331.3	5001	15S/24E-30C01 M	355.0	02/06/85 09/27/85	29.0 NM-1	326.0	5001
15S/23E-02E01 M	373.0	02/06/85 09/27/85	51.0 59.0	324.0 316.0	5001	15S/24E-30N01 M		10/03/84	NM-6		5001
15S/23E-02001 M	375.0	10/02/84 01/21/85 09/30/85	57.0 47.5 NM-9	318.0 327.5	5001	15S/24E-32C01 M	360.0	02/06/85 09/27/85	21.3 26.3	338.7 333.7	5001
15S/23E-12J01 M	376.0	02/06/85 09/27/85	40.1 56.1	335.9 319.9	5001	15S/24E-32J01 M	356.0	10/02/84 01/23/85	16.0 14.5	340.0 339.5	5001
15S/23E-12R01 M	371.0	02/06/85 09/27/85	40.1 54.1	330.9 316.9	5001	15S/24E-33B01 M	364.0	02/04/85 09/25/85	19.4 29.0(2)	344.6 335.0	5001
15S/23E-13001 M	367.0	02/06/85 09/27/85	40.7 45.3	326.3 321.7	5001	15S/24E-35D02 M	394.0	10/02/84 01/23/85	37.0 NM-9	357.0	5001
15S/23E-14C01 M	366.0	10/02/84 01/21/85 09/30/85	53.0 47.9 55.0	313.0 318.1 311.0	5001	16S/22E-36R01 M	295.0	02/05/85 09/26/85	15.4 NM-1	279.6	5001
15S/23E-22B01 M	354.0	02/06/85 09/27/85	51.1 54.9	302.9 299.1	5001	16S/23E-01J01 M	339.0	02/06/85 09/27/85	18.5 18.1	320.5 320.9	5001
15S/23E-23A02 M	358.0	02/06/85 09/27/85	49.1 55.4	308.9 302.6	5001	16S/23E-03A01 M	335.0	02/05/85 09/27/85	32.7 35.3	302.3 299.7	5001
15S/23E-24001 M	357.0	10/02/84 01/21/85	47.0 40.0	310.0 317.0	50C1	16S/23E-04L01 M	317.0	02/05/85 09/26/85	19.7 21.0	297.3 296.0	5001
						16S/23E-09E01 M	310.0	02/05/85 09/26/85	20.8 20.1	289.2 289.9	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.F	TULARE LAKE HB SOUTH VALLEY FLOOR HU ALTA HA					C C-01 C-01.F	TULARE LAKE HB SOUTH VALLEY FLOOR HU ALTA HA				
16S/23E-13H01 M	320.5	02/05/85 09/26/85	16.0 15.1	304.5 305.4	5001	16S/24E-12D02 M	377.0	09/25/85	33.3	343.7	5001
16S/23E-15A01 M	322.0	02/05/85 09/26/85	20.4 22.2	301.6 299.8	5001	16S/24E-13F02 M	357.5	10/02/84 01/21/85	8.4 15.0	349.1 342.5	5001
16S/23E-16A01 M	321.8	02/05/85 09/26/85	25.4 26.5	296.4 295.3	5001	16S/24E-14A02 M	360.0	10/02/84 01/21/85	14.9 16.9	345.1 343.1	5001
16S/23E-17A01 M	307.0	02/05/85 09/26/85	17.7 18.0	289.3 289.0	5001	16S/24E-14H01 M	360.0	02/04/85 09/25/85	16.4 20.1	343.6 339.9	5001
16S/23E-17R01 M	311.5	02/05/85 09/26/85	21.4 21.5	290.1 290.0	50C1	16S/24E-14N01 M	347.0	02/04/85 09/25/85	16.3 19.7	330.7 327.3	5001
16S/23E-20B01 M	310.0	10/03/84 01/21/85 09/30/85	19.1 20.7 20.1	290.9 289.3 289.9	5001	16S/24E-16H01 M	347.0	02/04/85 09/25/85	26.5 NM-1	320.5	5001
16S/23E-21A02 M	316.0	10/03/84 01/21/85 09/30/85	20.0 20.5 22.3	296.0 295.5 293.7	5001	16S/24E-18J01 M	326.0	02/04/85 09/26/85	21.9 24.4	304.1 301.6	5001
16S/23E-21N01 M	305.6	02/05/85 09/26/85	18.6 15.8	287.0 289.8	5001	16S/24E-19M01 M	316.0	10/02/84 01/21/85	13.5 19.0	302.5 297.0	5001
16S/23E-22D02 M	317.0	02/05/85 09/26/85	19.2 20.7	297.8 296.3	5001	16S/24E-20A01 M	331.5	02/04/85 09/25/85	30.5 35.6	301.0 295.9	5001
16S/23E-23E01 M	314.0	02/05/85 09/26/85	17.4 20.0	296.6 294.0	5001	16S/24E-21B01 M	341.0	10/02/84 01/21/85	30.0 23.5	311.0 317.5	5001
16S/23E-25M01 M	311.0	02/05/85 09/26/85	18.0 15.1	293.0 295.9	5001	16S/24E-21J01 M	335.0	02/04/85 09/25/85	21.2 22.8	314.8 313.2	5001
16S/23E-27H01 M	309.0	02/05/85 09/26/85	17.2 NM-1	291.8	5001	16S/24E-23A01 M	350.0	10/02/84 01/21/85	8.4 9.0	341.6 341.0	5001
16S/23E-28A01 M	310.8	02/05/85 09/26/85	19.1 20.7	291.7 290.1	5001	16S/24E-23J01 M	344.0	02/04/85 09/25/85	9.5 12.0	334.5 332.0	5001
16S/23E-31L01 M	295.0	02/05/85 09/26/85	19.7 20.8	275.3 274.2	5001	16S/24E-24J01 M	351.0	10/02/84 01/21/85	5.2 5.8	345.8 345.2	5001
16S/23E-32B01 M	301.0	02/05/85 09/26/85	22.8 25.0	278.2 276.0	5001	16S/24E-25C01 M		10/02/84 01/24/85	NM-4 12.5		5001
16S/23E-32P01 M	296.0	02/05/85 09/27/85	21.2 24.9	274.8 271.1	5001	16S/24E-25L01 M		02/04/85 09/25/85	NM-4 13.4		5001
16S/23E-33B01 M	303.0	10/03/84 01/21/85 09/30/85	19.8 NM-3 28.5	283.2 274.5	5001	16S/24E-27A01 M	335.5	10/03/84 01/24/85	13.1 12.0	322.4 323.5	5001
16S/23E-33H01 M	301.0	02/05/85 09/26/85	19.0 NM-1	282.0	5001	16S/24E-27R01 M	328.0	02/04/85 09/25/85	13.7 10.9	314.3 317.1	5001
16S/23E-33R02 M	297.0	02/05/85 09/26/85	20.1 26.0	276.9 271.0	5001	16S/24E-28F01 M	324.5	10/03/84 01/24/85	22.7 20.5	301.8 304.0	5001
16S/23E-34K01 M	302.0	02/05/85 09/26/85	20.8 NM-2	281.2	5001	16S/24E-28J01 M	326.0	02/04/85 09/25/85	16.5 17.1	309.5 308.9	5001
16S/24E-02B01 M	388.0	02/04/85 09/25/85	44.0 50.1	344.0 337.9	5001	16S/24E-29A02 M	326.0	02/04/85 09/25/85	21.5 24.4	304.5 301.6	5001
16S/24E-02P01 M	374.0	10/03/84 01/24/85 09/30/85	44.8 27.5 41.5	329.2 346.5 332.5	5001	16S/24E-30D01 M	312.0	02/05/85 09/26/85	13.0 11.2	299.0 300.8	5001
16S/24E-03J02 M	369.4	02/04/85 09/25/85	29.0 44.4	340.4 325.0	5001	16S/24E-30R01 M	314.0	02/05/85 09/26/85	18.3 23.4	295.7 290.6	5001
16S/24E-04B01 M	352.0	02/04/85 09/25/85	18.2 26.4	333.8 325.6	50C1	16S/24E-31D01 M	307.0	10/03/84 01/21/85 09/30/85	13.6 19.5 15.0	293.4 287.5 292.0	5001
16S/24E-05M01 M	337.0	02/04/85 09/27/85	15.3 NM-1	321.7	5001	16S/24E-33M01 M	313.0	02/04/85 09/25/85	16.3 15.6	296.7 297.4	5001
16S/24E-06D01 M	346.0	10/03/84 01/21/85 09/30/85	27.0 25.9 25.5	319.0 320.1 320.5	5001	16S/24E-33R01 M		10/03/84 01/24/85	NM-1 14.6		5001
16S/24E-07D01 M	333.0	02/04/85 09/27/85	14.6 11.1	318.4 321.9	5001	16S/24E-34M01 M	315.0	02/04/85 09/25/85	12.1 12.1	302.9 302.9	5001
16S/24E-07M01 M	326.5	10/03/84 01/21/85 09/30/85	15.0 12.0 7.0	311.5 314.5 319.5	5001	16S/24E-35M02 M	322.0	02/04/85 09/25/85	11.1 NM-5	310.9	5001
16S/24E-08H01 M	342.0	02/04/85 09/25/85	19.9 22.0	322.1 320.0	5001	16S/24E-36D02 M	331.0	10/03/84 01/24/85	9.0 9.0	322.0 322.0	5001
16S/24E-09C01 M	348.0	10/02/84 01/21/85	20.1 NM-1	327.9	5001	16S/24E-36E01 M	331.0	02/04/85 09/25/85	11.2 10.9	319.8 320.1	5001
16S/24E-10D03 M	355.0	02/04/85 09/25/85	30.2 43.8	324.8 311.2	5001	16S/25E-07D01 M	381.0	02/04/85 09/25/85	19.5 23.3	361.5 357.7	5001
16S/24E-10J01 M	365.0	02/04/85 09/25/85	28.2 NM-1	336.8	5001	16S/25E-08D01 M	383.0	02/04/85 09/25/85	17.0 20.8	366.0 362.2	5001
16S/24E-10P01 M	355.5	10/02/84 01/21/85	29.5 26.2	326.0 329.3	50C1	16S/25E-17C02 M		10/02/84 01/24/85	NM-1 12.2		5001
16S/24E-12D01 M	371.0	10/02/84 01/21/85	29.5 NM-9	341.5	50C1	16S/25E-17HC1 M	380.0	02/04/85 09/25/85	15.8 27.2	364.2 352.8	5001
16S/24E-12D02 M	377.0	02/04/85	29.1	347.9	5001	16S/25E-17P01 M	369.0	02/04/85 09/25/85	15.2 19.8	353.8 349.2	5001
						16S/25E-18D01 M	367.8	09/25/85	13.4	354.4	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.F	TULARE LAKE HB SOUTH VALLEY FLOOR HU ALTA HA					C C-01 C-01.F	TULARE LAKE HB SOUTH VALLEY FLOOR HU ALTA HA				
16S/25E-19001 M	356.0	02/04/85 09/25/85	5.6 NM-2	350.4	5001	17S/23E-23002 M	281.0	09/26/85	28.7	252.3	5001
16S/25E-19L01 M	355.0	02/04/85 09/25/85	14.2 18.2	340.8 336.8	5001	17S/23E-27001 M	275.0	02/05/85 09/26/85	27.1 34.0	247.9 241.0	5001
16S/25E-21001 M	381.0	02/04/85 09/25/85	21.0 30.3	360.0 350.7	5001	17S/23E-27L01 M	270.5	10/01/84 01/29/85 09/30/85	41.5 35.5 NM-1	229.0 239.0	5001
16S/25E-21P01 M	370.0	02/04/85 09/25/85	17.5 25.8	352.5 344.2	5001	17S/23E-30A01 M	276.0	01/25/85 09/27/85	34.0 42.6	242.0 233.4	5001
16S/25E-28R01 M	358.5	02/04/85 09/25/85	23.9 32.4	334.6 326.1	5001	17S/23E-30R01 M	276.0	02/05/85 09/26/85	33.0 47.8	243.0 226.2	5001
16S/25E-29A01 M	364.0	02/04/85 09/25/85	20.8 NM-2	343.2	5001	17S/23E-31F01 M	270.0	01/25/85 09/27/85	31.9 47.9	238.1 222.1	5001
16S/25E-29A02 M	362.0	10/02/84 01/24/85	NM-1 21.0	341.0	5001	17S/24E-01R01 M	326.0	02/04/85 09/25/85	11.6 14.3	314.4 311.7	5001
16S/25E-31C01 M	342.0	02/04/85 09/25/85	13.9 16.2	328.1 325.8	5001	17S/24E-02R01 M	314.0	02/04/85 09/25/85	12.0 16.9	302.0 297.1	5001
16S/25E-31R02 M	339.0	10/02/84 01/24/85	NM-1 11.0	328.0	5001	17S/24E-03K01 M	307.0	02/04/85 09/25/85	11.7 NM-1	295.3	5001
16S/25E-32C01 M	350.0	02/04/85 09/25/85	19.1 25.4	330.9 324.6	5001	17S/24E-03R01 M	304.0	02/05/85 09/25/85	16.8 20.1	287.2 283.9	5001
16S/25E-33A01 M		10/02/84 01/24/85	NM-1 NM-1		5001	17S/24E-08A01 M	298.0	02/04/85 09/25/85	17.6 24.5	280.4 273.5	5001
16S/25E-34D02 M	354.0	10/02/84 01/24/85	17.1 23.1	336.9 330.9	5001	17S/24E-C8C01 M	296.0	10/04/84 01/29/85	29.0 22.0	267.0 274.0	5001
16S/25E-34P01 M	344.0	10/02/84 01/24/85	7.5 16.5	336.5 327.5	5001	17S/24E-12R02 M	318.0	02/04/85 09/25/85	25.1 37.7	292.9 280.3	5001
16S/25E-34Q01 M	344.0	02/04/85 09/25/85	14.9 15.9	329.1 328.1	5001	17S/24E-15A01 M	303.0	02/04/85 09/25/85	12.8 NM-1	290.2	5001
16S/25E-36M02 M	368.0	10/05/84 02/04/85	21.8 19.8	346.2 348.2	5001	17S/24E-15A02 M	302.0	10/04/84 01/30/85	27.9 26.5	274.1 275.5	5001
17S/22E-24E01 M	277.5	01/25/85	20.3	257.2	5001	17S/24E-15A03 M	302.0	10/04/84 01/30/85	25.7 23.5	276.3 278.5	5001
17S/22E-24J01 M	278.0	10/04/84 01/24/85	27.0 27.3	251.0 250.7	5001	17S/24E-16A01 M	296.0	02/04/85 09/25/85	12.3 NM-1	283.7	5001
17S/22E-25A01 M	275.0	02/05/85 09/26/85	27.0 40.6	248.0 234.4	5001	17S/24E-16R01 M	285.0	09/26/85	36.7	248.3	5001
17S/22E-25J01 M	275.0	02/05/85 09/26/85	35.1 42.2	239.9 232.8	5001	17S/24E-17A01 M	292.0	02/04/85 09/25/85	12.8 21.5	279.2 270.5	5001
17S/22E-36J01 M	268.0	10/04/84 01/29/85	31.0 24.0	237.0 244.0	5001	17S/24E-20D02 M	287.0	02/05/85 09/26/85	13.3 15.0	273.7 272.0	5001
17S/22E-36N01 M	266.0	01/25/85 09/27/85	26.0 34.8	240.0 231.2	5001	17S/25E-01D01 M	355.0	02/04/85 09/25/85	15.8 20.3	339.2 334.7	5001
17S/23E-01A01 M	302.0	02/05/85 09/26/85	21.5 26.8	280.5 275.2	5001	17S/25E-01P01 M	353.2	02/04/85 09/25/85	16.5 28.7	336.7 324.5	5001
17S/23E-02A01 M		10/04/84 01/29/85	NM-9 NM-9		5001	17S/25E-03B01 M	344.0	02/04/85 09/25/85	17.7 20.5	326.3 323.5	5001
17S/23E-02R01 M	300.0	02/05/85 09/26/85	21.9 34.3	278.1 265.7	5001	17S/25E-03R01 M		10/04/84 01/30/85	NM-1 NM-9		5001
17S/23E-07R01 M	289.0	01/25/85 09/27/85	20.1 29.9	268.9 259.1	5001	17S/25E-04N01 M	332.0	02/04/85 09/25/85	23.5 24.0	308.5 308.0	5001
17S/23E-08J01 M	288.0	01/25/85 09/27/85	23.7 NM-1	264.3	5001	17S/25E-06A01 M	333.0	02/04/85 09/25/85	15.5 21.6	317.5 311.4	5001
17S/23E-09R01 M	291.5	02/05/85 09/26/85	23.8 NM-1	267.7	5001	17S/25E-18A01 M	325.0	02/04/85 09/25/85	35.4 NM-1	289.6	5001
17S/23E-09Q01 M	285.0	10/04/84 01/29/85	NM-3 30.5	254.5	5001	17S/25E-18R01 M	321.0	02/04/85 09/25/85	46.0 53.9	275.0 267.1	5001
17S/23E-10A01 M	291.5	02/05/85 09/26/85	21.9 27.8	269.6 263.7	5001	17S/25E-21R01 M	335.5	10/09/84 02/04/85	95.4 NM-1	241.1	5001
17S/23E-12C01 M		02/05/85 09/26/85	NM-1 NM-1		5001	C-01.G CONSOLIDATED HA					
17S/23E-13C01 M	288.0	10/04/84 01/29/85	31.5 25.3	256.5 262.7	5001	13S/23E-330C2 M	419.0	10/06/84 02/11/85	8.1 8.8	410.9 410.2	5001
17S/23E-15R01 M	285.0	02/05/85 09/26/85	26.7 NM-1	258.3	5001	13S/23E-34M01 M	426.0	10/06/84 02/11/85	11.1 3.3	414.9 422.7	5001
17S/23E-18D01 M	285.0	10/04/84 01/29/85	12.5 21.2	272.5 263.8	5001	14S/21E-25001 M	330.9	10/01/84 02/01/85	33.4 31.7	297.5 299.2	5001
17S/23E-18E01 M	284.0	02/05/85 09/26/85	NM-1 24.3	259.7	5001	14S/21E-27R02 M	320.1	10/01/84 02/01/85	35.4 33.5	284.7 286.6	5001
17S/23E-18P01 M	281.0	10/04/84 01/29/85	32.0 25.7	249.0 255.3	5001	14S/22E-C8N01 M	349.6	10/01/84 01/01/85 02/01/85	31.4 31.0 29.8	318.2 318.8 319.8	5001
17S/23E-21C01 M	283.0	02/05/85 09/26/85	32.5 44.4	250.5 238.6	5001	14S/22E-09P01 M	361.0	10/01/84 01/01/85 03/01/85	29.0 NM-4 19.2	332.0 341.8	5001
17S/23E-22A01 M		02/05/85	NM-0		5001	14S/22E-14R01 M	374.6	10/01/84	24.3	350.3	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.6	TULARE LAKE HB SOUTH VALLEY FLOOR HU CONSOLIDATED HA					C C-01 C-01.6	TULARE LAKE HB SOUTH VALLEY FLOOR HU CONSOLIDATED HA				
14S/22E-14801 M	374.6	03/01/85	26.0	348.6	5001	15S/23E-30801 M	339.7	10/01/84 02/01/85	34.1 37.9	305.6 301.8	5001
14S/22E-22N01 M	355.7	10/01/84 03/01/85	23.1 22.7	332.6 333.0	5001	15S/23E-31802 M	329.1	10/01/84 02/01/85	30.0 30.9	299.1 298.2	5001
14S/22E-26A01 M	366.7	10/01/84 03/01/85	33.7 33.5	333.0 333.2	5001	15S/23E-33P01 M	330.2	10/01/84 02/01/85	30.0 30.6	300.2 299.6	5001
14S/22E-30A01 M	341.8	10/01/84 02/01/85	24.4 25.6	317.4 316.2	5001	16S/19E-12P02 M	235.0	10/26/84 02/20/85	99.0(9) 93.0(9)	136.0 142.0	5001
14S/22E-36N01 M	326.6	10/02/84 01/21/85	11.8 12.5	314.8 314.1	5001	16S/19E-14A01 M	235.5	10/01/84 02/01/85	103.4 97.1	132.1 138.4	5001
14S/23E-04M01 M	406.5	10/01/84 01/01/85	11.1 NM-9	395.4	5001	16S/19E-23N01 M	230.0	10/26/84 02/20/85	117.0(9) 112.0	113.0 118.0	5001
14S/23E-15C01 M	392.0	02/06/85 09/27/85	15.0 16.2	377.0 375.8	5001	16S/20E-06A01 M	248.6	10/01/84 02/01/85	71.1 69.1	177.5 179.5	5001
14S/23E-31P01 M	333.0	10/02/84 01/21/85 09/30/85	19.5 15.8 17.1	313.5 317.2 315.9	5001	16S/20E-09R01 M	254.3	10/01/84 02/01/85	NM-7 53.5		5001
14S/23E-32C01 M	335.0	10/02/84 01/21/85 09/30/85	18.5 12.5 18.0	316.5 322.5 317.0	5001	16S/20E-14A01 M	265.2	10/01/84 02/01/85	37.0 38.8	228.2 226.4	5001
15S/19E-24N01 M	246.6	10/01/84 02/01/85	79.8 77.7	166.8 168.9	5001	16S/20E-18A01 M	245.3	10/01/84 02/01/85	79.8 76.1	165.5 169.2	5001
15S/19E-35R01 M	242.9	10/01/84 02/01/85	90.3 86.2	152.6 156.7	5001	16S/20E-22N01 M	247.7	10/01/84 02/01/85	63.0 62.9	184.7 184.8	5001
15S/20E-19R01 M	251.5	10/01/84 02/01/85	63.2 59.9	188.3 191.6	5001	16S/20E-23R01 M	254.8	10/01/84 02/01/85	48.2 46.4	206.6 208.4	5001
15S/20E-34N01 M	259.6	10/01/84 02/01/85	55.4 53.5	204.2 206.1	5001	16S/21E-06A01 M	281.5	10/01/84 02/01/85	20.4 23.5	261.1 258.0	5001
15S/20E-36N01 M	268.1	10/01/84 02/01/85	35.8 35.1	232.3 233.0	5001	16S/21E-14A02 M	289.1	10/01/84 02/01/85	16.5 17.2	272.6 271.9	5001
15S/21E-02A01 M	322.0	10/01/84 02/01/85	21.2 22.0	300.8 300.0	5001	16S/21E-15001 M	282.3	10/01/84 02/01/85	20.2 18.4	262.1 263.9	5001
15S/21E-10E01 M	305.8	10/01/84 01/01/85	21.4 21.3	284.4 284.5	5001	16S/21E-18A01 M	274.3	10/01/84 02/01/85	26.0 29.4	248.3 244.9	5001
15S/21E-14A01 M	319.9	10/01/84 02/01/85	21.1 22.7	298.8 297.2	5001	16S/21E-22N01 M	271.0	10/01/84 02/01/85	36.7 31.1	234.3 239.9	5001
15S/21E-15001 M	301.2	10/01/84 02/01/85	21.1 19.3	280.1 281.9	5001	16S/21E-23R01 M	280.0	10/01/84 02/01/85	23.5 23.6	256.5 256.4	5001
15S/21E-17001 M	292.2	10/01/84 02/01/85	21.2 21.7	271.0 270.5	5001	16S/22E-07C01 M	306.3	10/01/84 02/01/85	19.1 20.6	287.2 285.7	5001
15S/21E-27D01 M	302.3	10/01/84 02/01/85	22.3 22.1	280.0 280.2	5001	16S/22E-16A01 M	305.2	10/01/84 02/01/85	19.9 19.4	286.3 286.8	5001
15S/21E-30A02 M	285.8	10/01/84 02/01/85	24.4 25.0	261.4 260.8	5001	16S/22E-18A01 M	296.8	10/01/84 02/01/85	20.4 19.0	276.4 277.8	5001
15S/21E-34N01 M	293.7	10/01/84 02/01/85	14.7 17.4	279.0 276.3	5001	16S/22E-19R01 M	287.3	10/01/84 02/01/85	18.8 18.0	268.5 269.3	5001
15S/21E-35R01 M	307.9	10/01/84 02/01/85	22.1 23.1	285.8 284.8	5001	16S/22E-21R01 M	297.5	10/01/84 02/01/85	15.9 18.0	281.6 279.5	5001
15S/22E-02C01 M	352.7	10/01/84 02/01/85	20.0 22.1	332.7 330.6	5001	16S/22E-23R01 M	297.5	10/01/84 02/01/85	18.6 22.1	278.9 275.4	5001
15S/22E-03001 M	340.1	10/01/84 02/01/85	7.4 9.5	332.7 330.6	5001	16S/23E-18A01 M	319.0	10/01/84 02/01/85	28.8 28.2	290.2 290.8	5001
15S/22E-06A01 M	335.4	10/01/84 02/01/85	22.4 19.6	313.0 315.8	5001	16S/23E-19P01 M	304.6	10/01/84 02/01/85	NM-7 23.4		5001
15S/22E-14A01 M	347.6	10/01/84 02/01/85	32.4 32.2	315.2 315.4	5001	17S/22E-01C01 M	289.6	10/01/84 02/01/85	22.2 23.2	267.4 266.4	5001
15S/22E-16A01 M	337.0	10/01/84 02/01/85	16.7 17.0	320.3 320.0	5001	17S/22E-03C01 M	285.0	10/01/84 02/01/85	13.7 15.0	272.3 271.0	5001
15S/22E-18A01 M	325.3	10/01/84 02/01/85	12.7 14.1	312.6 311.2	5001	17S/22E-11P01 M	283.0	01/25/85	16.0	267.0	5001
15S/22E-23R01 M	339.1	10/01/84 02/01/85	30.2 28.6	308.9 310.5	5001	17S/22E-16H01 M	276.0	01/25/85	16.3	259.7	5001
15S/22E-32N01 M	309.0	10/01/84 03/01/85	20.2 20.7	288.8 288.3	5001	17S/22E-16J01 M	276.0	01/25/85	16.9	259.1	5001
15S/22E-33R01 M	315.7	10/01/84 02/01/85	19.8 21.4	295.9 294.3	5001	C-01.M LDWR KINGS RIVER HA					
15S/22E-36P01 M	323.3	10/01/84 02/01/85	29.4 25.8	293.9 297.5	5001	14S/16E-33N01 M	160.0	02/04/85	18.5	141.5	5001
15S/23E-07R01 M	356.3	10/01/84 02/01/85	49.2 45.2	307.1 311.1	5001	14S/16E-35M01 M	166.0	10/04/84 02/04/85 09/30/85	73.3 46.0 77.6	92.7 120.0 88.4	5001
15S/23E-09001 M	360.0	10/01/84 02/01/85	58.7 58.4	301.3 301.6	5001	15S/15E-C1C01 M	159.0	10/04/84	12.2	146.8	5001
15S/23E-21001 M	345.3	10/01/84 02/01/85	43.8 48.4	301.5 296.9	5001	15S/15E-13002 M		11/29/84	NM-4		5646
						15S/15E-13H02 M		11/29/84	NM-4		5646
						15S/16E-01002 M	171.0	10/04/84 02/04/85 09/20/85	77.5 54.0 85.7	93.5 117.0 85.3	5001
						15S/16E-02R01 M		10/04/84	NM-3		9001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.H	TULARE LAKE HB SOUTH VALLEY FLOOR HU LOWER KINGS RIVER HA					C C-01 C-01.H	TULARE LAKE HB SOUTH VALLEY FLOOR HU LOWER KINGS RIVER HA				
155/16E-02801 M	170.0	02/04/85 09/20/85	NM-9 80.0	90.0	5001	165/18E-33001 M	195.0	02/20/85	128.0(9)	68.0	5001
155/16E-12C01 M	169.5	02/04/85	44.1	125.4	5001	165/18E-36P01 M	205.0	10/25/84 02/20/85	137.0(9) NM-9	68.0	5001
155/16E-12C02 M	169.0	02/04/85	33.4	135.6	5001	165/19E-28P01 M	220.0	10/26/84 02/20/85	136.0(9) NM-2	84.0	5001
155/16E-12C03 M		10/04/84	NM-4		5001	165/19E-32P01 M	215.0	10/26/84 02/20/85	141.0(9) 140.0(9)	74.0 75.0	5001
155/16E-13J01 M	170.0	10/09/84	39.2	130.8	5001	165/19E-34P01 M	220.0	10/26/84 02/20/85	120.0(9) 127.0(9)	100.0 93.0	5001
155/16E-17L01 M	165.0	01/04/85	37.5	127.5	5001	165/20E-31R01 M		10/01/84 02/01/85	NM-7 NM-7		5001
155/16E-17L02 M	165.0	01/04/85	35.0	130.0	5001	165/20E-34N01 M	236.4	10/01/84 02/01/85	60.6 53.7	175.8 182.7	5001
155/16E-17L03 M	165.0	01/04/85	42.2	122.8	5001	175/17E-02H01 M	195.0	12/06/84	142.0(8)	53.0	5646
155/16E-21001 M	168.0	01/04/85	57.1	110.9	5001	175/17E-02R01 M	197.0	12/06/84	145.0	52.0	5646
155/16E-25R01 M	174.0	10/04/84 02/04/85	88.7 79.4	85.3 94.6	5001	175/17E-13G01 M	204.0	12/06/84	141.0	63.0	5646
155/16E-26A01 M	171.0	10/09/84	84.5	106.5	5001	175/17E-23E01 M	216.5	12/06/84	155.0	61.5	5646
155/16E-28A01 M	168.5	02/04/85	57.3	111.2	5001	175/17E-23H01 M	213.0	10/16/84	8.5	204.5	5001
155/16E-28A02 M	169.0	02/04/85	57.7	111.3	5001	175/17E-23H02 M		10/16/84	DRY		5001
155/16E-28A03 M	168.5	02/04/85	85.3	83.2	5001	175/18E-C2P01 M	199.0	10/25/84 02/21/85	115.0(9) 137.0(9)	84.0 62.0	5001
155/16E-28A04 M	168.5	02/04/85	85.8	82.7	5001	175/18E-03001 M	192.0	12/06/84	126.0	66.0	5646
155/16E-29H01 M	173.5	02/04/85	75.2	98.3	5001	175/18E-06R01 M	194.0	12/06/84	115.5	78.5	5646
155/17E-18801 M	175.0	10/05/84 02/04/85 09/30/85	85.0 75.6 86.3	90.0 99.4 88.7	5001	175/18E-07M01 M	198.0	12/06/84	137.0(8)	61.0	5646
155/17E-20C01 M	175.0	10/05/84 02/04/85 09/30/85	95.1 73.4 95.3	79.9 101.6 79.7	5001	175/18E-07N03 M	199.0	12/06/84	193.0	46.0	5646
155/17E-21J01 M	180.0	02/05/85	110.0	70.0	5001	175/18E-09C01 M	194.0	10/25/84 02/21/85	125.0(9) 138.0(9)	69.0 56.0	5001
155/17E-28K01 M	179.0	10/05/84 02/05/85	107.7 98.3	71.3 80.7	5001	175/18E-09N02 M	198.0	10/25/84 02/21/85	125.0(9) 137.0(9)	73.0 61.0	5001
155/17E-30P01 M	175.0	02/05/85	87.7	87.3	5001	175/18E-09R01 M	195.0	10/25/84 02/21/85	119.0(9) 152.0(9)	76.0 43.0	5001
155/17E-32L03 M	175.0	02/05/85	87.0	88.0	5001	175/18E-13R01 M	202.5	10/25/84 02/21/85	43.5 42.5	159.0 160.0	5001
155/17E-33A01 M		10/04/84 02/04/85	NM-1 104.6		5001	175/18E-16J01 M	197.0	12/06/84	119.0	78.0	5646
155/17E-35N01 M		10/04/84 02/04/85 09/30/85	NM-3 119.1 147.2		5001	175/18E-17N01 M	205.0	10/25/84 02/21/85	132.0 NM-1	73.0	5001
165/16E-02M01 M	175.5	10/05/84 02/04/85	89.8 82.6	85.7 92.9	5001	175/18E-17N02 M	205.0	12/06/84	132.0	73.0	5646
165/17E-02J01 M	187.0	10/09/84 02/21/85	158.2 NM-7	28.8	5001	175/18E-18M02 M	204.0	10/25/84 12/06/84 02/21/85	141.0(9) 139.0 NM-1	63.0 65.0	5001 5646 5001
165/17E-03J02 M		10/05/84 02/04/85	NM-3 NM-3		5001	175/18E-21P02 M	205.0	10/25/84 02/21/85	127.0(9) 147.0(9)	78.0 58.0	5001
165/17E-04P01 M	175.0	10/05/84 02/04/85	111.7 106.7	63.3 68.3	5001	175/18E-26M01 M	204.0	10/25/84 02/21/85	110.0(9) 145.0(9)	94.0 59.0	5001
165/17E-12J01 M		10/09/84 02/21/85	NM-1 NM-1		5001	175/18E-36L02 M	208.0	10/25/84 02/21/85	97.0(9) 110.0(9)	111.0 98.0	5001
165/17E-15J01 M	185.0	10/09/84 02/21/85	147.3 NM-1	37.7	5001	175/19E-01C01 M	226.1	10/01/84 02/01/85	108.4 100.2	117.7 125.9	5001
165/17E-16801 M	183.0	12/06/84	110.0	73.0	5646	175/19E-07A01 M	205.0	10/25/84 02/21/85	110.0(9) 116.0(9)	95.0 89.0	5001
165/17E-16F01 M	182.0	10/09/84 02/21/85	122.9 173.0	59.1 9.0	5001	175/19E-07D01 M	205.0	10/25/84 02/21/85	120.5(9) 141.5(9)	84.5 63.5	5001
165/17E-17H01 M	181.0	10/09/84 02/21/85	147.1 163.0	33.9 18.0	5001	175/19E-10A01 M	220.0	10/25/84 02/21/85	138.0(9) 70.0	82.0 150.0	5001
165/17E-17N01 M	184.0	10/09/84 02/21/85	75.4 NM-1	108.6	5001	175/19E-10A02 M	220.0	10/25/84 02/21/85	104.0(9) 103.0(9)	116.0 117.0	5001
165/17E-24F01 M	186.0	10/09/84 02/21/85	172.9 NM-1	13.1	5001	175/19E-18K01 M	203.0	10/25/84 02/21/85	103.0(9) 116.0(9)	100.0 87.0	5001
165/17E-25M01 M	187.0	10/09/84 02/21/85	141.2 NM-1	45.4	5001	175/19E-21L02 M	210.0	10/25/84 02/21/85	86.0(9) 103.0(9)	124.0 107.0	5001
165/17E-27N01 M		10/09/84 02/21/85	NM-1 NM-1		5001	175/19E-27G01 M	213.0	10/25/84 02/21/85	81.0(9) 117.0(9)	132.0 96.0	5001
165/18E-18A01 M	185.0	10/25/84 02/20/85	141.0(9) 173.0(9)	44.0 12.0	5001	175/19E-30K01 M	204.0	10/25/84 02/21/85	49.0(9) 45.0(9)	155.0 159.0	5001
165/18E-22J01 M		10/25/84 02/20/85	NM-1 165.0(9)		5001	175/19E-34N01 M	210.0	10/26/84 02/21/85	76.0(9) NM-1	134.0	5001
165/18E-25M01 M	205.0	10/25/84 02/20/85	156.0(9) 146.0(9)	49.0 59.0	5001	175/20E-04R01 M	234.0	10/26/84 02/21/85	67.5 66.0(9)	166.5 168.0	5001
165/18E-31M01 M	190.0	10/09/84 02/21/85	155.2 167.0	34.8 23.0	5001	175/20E-06M01 M	230.0	10/26/84	95.5(9)	134.5	5001
165/18E-33001 M	196.0	10/25/84	114.0(9)	82.0	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.H	TULARE LAKE HB SOUTH VALLEY FLOOR HU LOWER KINGS RIVER HA					C C-01 C-01.J	TULARE LAKE HB SOUTH VALLEY FLOOR HU HANFORD-LEMOORE HA				
17S/20E-06M01 M	230.0	02/21/85	91.5(9)	138.5	5001	17S/20E-36R02 M	243.0	10/08/84 02/26/85	15.8 15.1	227.2 227.9	5001
17S/20E-09H01 M	232.0	10/26/84 02/21/85	60.0 57.0(9)	172.0 175.0	5001	17S/21E-27L01 M	255.0	10/08/84 02/26/85	20.6 NM-1	234.4	5001
17S/20E-11J01 M	240.0	10/26/84 02/22/85	40.5 42.5(9)	199.5 197.5	5001	17S/21E-31R01 M	244.0	10/08/84 02/26/85	39.4 41.8	204.6 202.2	5001
17S/20E-20001 M	223.0	10/26/84 02/22/85	63.0 65.0	160.0 158.0	5001	17S/21E-32K01 M	246.0	10/08/84 02/26/85	31.3 29.4	214.7 216.6	5001
17S/20E-22P01 M	235.0	10/29/84 02/22/85	42.0(9) 43.0	193.0 192.0	5001	17S/21E-32P01 M	245.0	10/08/84 02/26/85	35.7 37.7	209.3 207.3	5001
17S/20E-24N01 M	235.0	10/29/84 02/22/85	40.7(9) 42.7(9)	194.3 192.3	5001	17S/21E-33R01 M	251.0	10/08/84 02/26/85	37.5 35.9	213.5 215.1	5001
17S/20E-26E01 M	235.0	10/29/84 02/22/85	56.0 54.0	179.0 181.0	5001	17S/21E-33Q01 M	247.0	10/08/84 02/26/85	31.8 32.6	215.2 214.4	5001
17S/20E-28N01 M	230.0	10/26/84 02/22/85	63.0(9) 70.0(9)	167.0 160.0	5001	17S/21E-35C01 M	258.0	10/08/84 02/26/85	20.7 NM-1	237.3	5001
17S/20E-33A01 M	231.0	10/26/84 02/22/85	3.0 5.0	228.0 226.0	5001	17S/21E-36801 M	263.0	10/29/84 02/22/85	28.0 26.0	235.0 237.0	5001
17S/20E-36C03 M	241.0	10/08/84 02/26/85	37.4 36.8	203.6 204.2	5001	17S/22E-28A01 M	273.0	10/04/84 01/25/85 01/29/85	23.2 22.0 22.5	249.8 251.0 250.5	5001
17S/21E-07J01 M	253.0	10/29/84 02/22/85	59.5(9) 50.5(9)	193.5 202.5	5001	17S/22E-30A01 M	265.0	01/25/85	22.4	242.6	5001
17S/21E-17J01 M	249.0	10/29/84 02/22/85	33.0(9) 33.0	216.0 216.0	50C1	17S/22E-30M01 M	264.3	01/25/85	21.6	242.7	5001
17S/21E-19A02 M		10/29/84	NM-0		50C1	17S/22E-31A01 M	262.0	01/25/85	28.3	233.7	5001
17S/21E-19R01 M	245.0	10/29/84 02/22/85	29.0(9) NM-7	216.0	50C1	17S/22E-31M01 M	259.0	03/01/85	36.4	222.6	5001
17S/21E-20G01 M	248.0	10/29/84 02/22/85	31.0 NM-1	217.0	50C1	17S/22E-32C01 M	262.5	01/25/85	27.0	235.5	5001
17S/21E-22C01 M	252.5	10/29/84 02/22/85	29.5 27.0	223.0 225.5	5001	17S/22E-33P01 M	266.0	01/25/85	37.8	228.2	5001
17S/21E-29D03 M	247.0	10/29/84	24.0	223.0	5050	17S/22E-35R01 M	270.0	10/04/84 01/29/85	25.5 30.0	244.5 240.0	5001
18S/18E-04M02 M	230.0	12/04/84	134.0	96.0	5646	17S/22E-35N01 M	266.0	01/25/85	31.4	234.6	5001
18S/18E-09P01 M	236.0	12/04/84	130.0	106.0	5646	18S/20E-01J02 M	240.0	10/08/84 03/01/85	15.4 10.4	224.6 229.6	5001
18S/18E-15G01 M	233.0	12/05/84	118.5	114.5	5646	18S/20E-03K01 M	232.5	10/29/84 02/20/85	62.0 53.0(9)	170.5 179.5	5050 5001
18S/19E-01P02 M		02/21/85	NM-7		5001	18S/20E-04D01 M	231.0	10/29/84 02/20/85	4.0 3.2	227.0 227.8	5050 5001
18S/19E-02F02 M	215.0	10/26/84 02/21/85	10.0 15.0(2)	205.0 200.0	5001	18S/20E-12C01 M	239.0	10/29/84 02/20/85	60.0(9) 52.0(9)	179.0 187.0	5050 5001
18S/19E-05E01 M	204.0	10/26/84 02/21/85	93.0 140.0(9)	111.0 64.0	50C1	18S/20E-22C01 M	230.0	10/29/84 02/20/85	8.4 5.3	221.6 224.7	5050 5001
18S/19E-05Q03 M	210.0	10/26/84 02/21/85	96.0(9) NM-1	114.0	5001	18S/20E-22J01 M	233.0	10/09/84 02/25/85	8.2 7.9	224.8 225.1	5001
18S/19E-07P02 M	219.0	10/26/84 02/20/85 02/21/85	113.0(9) 127.0 139.0(9)	106.0 92.0 81.0	5050 5001	18S/20E-26D01 M	235.0	10/09/84 02/25/85	9.9 10.9	225.1 224.1	5001
18S/19E-07R01 M	215.0	10/26/84 02/21/85	109.0(9) 124.0(9)	106.0 91.0	5050 5001	18S/20E-26J01 M	236.0	10/09/84 02/25/85	9.9 11.2	226.1 224.8	5001
18S/19E-13K01 M	220.0	10/29/84 02/20/85	7.5 4.5	212.5 215.5	5050 5001	18S/20E-34M01 M	225.0	10/29/84 02/20/85	71.2 81.2(9)	153.8 143.8	5050 5001
18S/19E-14E01 M	213.0	10/29/84 02/20/85	5.5 4.2	207.5 208.8	5050 5001	18S/20E-36M01 M	233.0	10/09/84 02/25/85	6.7 7.8	226.3 225.2	5001
18S/19E-16M01 M	215.0	12/04/84	89.0	126.0	5646	18S/21E-01C01 M	260.5	10/08/84 02/26/85	48.0 43.7	212.5 216.8	5001
18S/19E-22M02 M	211.0	12/04/84	80.8	130.2	5646	18S/21E-02R01 M	259.5	10/08/84 02/26/85	60.1 56.4	199.4 203.1	5001
18S/19E-34E01 M	215.0	12/04/84	87.5	127.5	5646	18S/21E-03D01 M		10/08/84 02/26/85	NM-1 32.5		5001
18S/19E-35J01 M	211.0	10/29/84 02/20/85	7.1 4.6	203.9 206.4	5050 5001	18S/21E-03J01 M	248.0	10/08/84 03/01/85	52.9 55.4	203.1 200.6	5001
18S/19E-35J02 M	211.0	10/29/84 02/20/85	80.0(9) 6.5	131.0 204.5	5050 5001	18S/21E-04L01 M	246.0	10/08/84 03/01/85	52.2 41.6	193.8 204.4	5001
18S/20E-09M01 M	228.0	10/29/84 02/20/85	4.0 5.0	224.0 223.0	5050 50C1	18S/21E-05M02 M	243.0	10/08/84 03/01/85	42.1 41.8	200.9 201.2	5001
18S/20E-10M01 M	230.0	10/29/84 02/20/85	70.0(9) 53.0(9)	160.0 177.0	5050 50C1	18S/21E-07R03 M	240.0	10/09/84 03/01/85	59.1 59.4	180.9 180.6	5001
18S/20E-17N01 M	224.5	10/29/84 02/20/85	4.7 4.2	219.8 220.3	5050 5001	18S/21E-08J01 M	244.0	10/09/84 03/01/85	49.5 48.9	194.5 195.1	5001
18S/20E-19N01 M	217.0	10/29/84 02/20/85	81.0(9) 76.0(9)	136.0 141.0	5050 50C1	18S/21E-10F01 M	251.0	10/09/84 02/26/85	60.9 47.1	190.1 203.9	5001
19S/19E-03H02 M	208.0	10/29/84 02/20/85	96.0(9) 79.0(9)	112.0 129.0	5050 5001	18S/21E-10R01 M	254.0	10/09/84 02/26/85	62.1 55.9	191.9 198.1	5001
19S/19E-24E01 M	215.0	10/29/84 12/13/84 02/20/85	89.0(9) 85.0 84.0(9)	126.0 130.0 131.0	5050 5646 5050	18S/21E-12N01 M	253.0	10/08/84	73.8	179.2	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.J	TULARE LAKE HB SOUTH VALLEY FLOOR HU HANFORD-LEMOORE HA					C C-01 C-01.J	TULARE LAKE HB SOUTH VALLEY FLOOR HU HANFORD-LEMOORE HA				
18S/21E-12N01 M	253.0	02/26/85	68.6	184.4	50C1	18S/22E-26F01 M	255.0	10/04/84 01/29/85	47.0 NM-7	208.0	5001
18S/21E-14R01 M	251.0	10/08/84 02/26/85	NM-1 61.4	189.6	50C1	18S/22E-27H02 M	251.0	10/08/84 03/01/85	63.3 55.8	187.7 195.2	5001
18S/21E-15C01 M	252.0	10/08/84 02/26/85	66.5 50.3	185.5 201.7	50C1	18S/22E-28A01 M	253.0	10/04/84 10/08/84 01/29/85 03/01/85	74.5 67.8 67.5 NM-1	178.5 185.2 185.5	5001
18S/21E-16F01 M	245.0	10/09/84 03/01/85	16.3 16.0	228.7 229.0	5001	18S/22E-32J01 M	245.0	10/01/84 01/30/85 09/20/85	78.2 66.2 75.2	166.8 178.8 169.8	5001
18S/21E-17F01 M	245.0	10/09/84 03/01/85	13.8 14.3	231.2 230.7	5001	18S/22E-34R01 M	242.7	10/01/84 01/30/85 09/20/85	65.7 54.7 67.7	177.0 188.0 175.0	5001
18S/21E-17H01 M		10/09/84 03/01/85	NM-1 NM-1		5001	18S/22E-35C01 M		10/04/84 01/29/85	NM-1 34.0		5001
18S/21E-17N01 M	238.0	10/09/84 03/01/85	11.0 10.3	227.0 227.7	5001	19S/19E-25A01 M	208.0	10/29/84 02/20/85	4.5 2.9	203.5 205.1	5050 5001
18S/21E-18R01 M	237.0	10/09/84 03/01/85	12.4 NM-1	224.6	5001	19S/19E-25H02 M	206.0	02/20/85	3.3	202.7	5050
18S/21E-19H01 M	240.0	10/09/84 03/01/85	13.3 12.3	226.7 227.7	5001	19S/20E-05C01 M	215.0	10/29/84 02/20/85	71.0 72.0(9)	144.0 143.0	5050 5001
18S/21E-20O01 M	244.0	10/09/84 02/26/85	9.5 9.0	234.5 235.0	5001	19S/20E-06C01 M	213.0	10/29/84 02/20/85	75.0(9) 76.0(9)	138.0 137.0	5050 5001
18S/21E-21H01 M	250.0	10/09/84 02/26/85	76.4 59.6	173.6 190.4	5001	19S/20E-06L01 M	212.0	10/29/84 02/20/85	75.6(9) 73.6	136.4 138.4	5050 5001
18S/21E-26O01 M	245.0	10/09/84 02/26/85	66.0 57.8	179.0 187.2	5001	19S/20E-07F01 M	210.0	10/29/84 02/20/85	78.5(9) 76.5(9)	131.5 133.5	5050 5001
18S/21E-26O02 M	244.0	10/09/84 02/26/85	71.6 59.7	172.4 184.3	5001	19S/20E-09R01 M	220.0	10/29/84 02/20/85	77.5(9) 74.5(9)	142.5 145.5	5050 5001
18S/21E-27R01 M	246.0	10/09/84 02/26/85	66.2 52.1	179.8 193.9	5001	19S/20E-10O01 M	221.0	10/17/84 02/20/85	11.1 10.7	209.9 210.3	5001
18S/21E-28O01 M	243.0	10/09/84 02/26/85	19.2 19.3	223.8 223.7	5001	19S/20E-12A01 M	229.0	10/17/84 02/20/85 09/30/85	8.2 9.0 13.8	220.8 220.0 215.2	5001
18S/21E-29R01 M	238.0	10/09/84 02/26/85	10.7 11.7	227.3 226.3	5001	19S/20E-12R01 M	229.0	10/17/84 02/20/85 09/30/85	8.1(3) NM-7 8.2	220.9	5001
18S/21E-30D01 M	237.0	10/09/84 02/25/85	7.0 6.9	230.0 230.1	5001	19S/20E-19A01 M	210.0	10/29/84 12/13/84 02/20/85	73.0(9) 87.0 68.0(9)	137.0 123.0 142.0	5050 5644 5001
18S/21E-31R01 M	239.0	10/09/84 02/25/85	87.6 77.2	151.4 161.8	5001	19S/20E-22C01 M	220.0	10/17/84 02/20/85	10.7 12.2	209.3 207.8	5001
18S/21E-32A01 M	238.0	10/09/84 02/26/85	81.4 64.4	156.6 173.6	50C1	19S/20E-24K01 M	222.0	10/17/84 02/20/85 09/30/85	6.6 6.3 NM-1	215.4 215.7	5001
18S/21E-32C01 M	238.0	10/09/84 02/26/85	10.1 9.9	227.9 228.1	5001	19S/20E-25E01 M	220.0	10/17/84 02/20/85 09/30/85	55.1 41.7 58.9	164.9 178.3 161.1	5001
18S/21E-34R02 M	242.0	10/09/84 02/26/85	77.0 63.8	165.0 178.2	50C1	19S/20E-33A01 M	212.0	02/20/85	29.0	183.0	5050
18S/22E-03R01 M	266.0	01/25/85	38.0	228.0	5001	19S/20E-34C01 M	213.0	10/17/84 02/20/85	5.7 6.9	207.3 206.1	5001
18S/22E-03H01 M	265.0	10/08/84 01/25/85	54.4(2) 45.1	210.6 219.9	5001	19S/21E-02F01 M	240.0	10/15/84 02/20/85 09/30/85	NM-9 65.2 113.0		5001
18S/22E-04R01 M		10/05/84	NM-6		50C1	19S/21E-02N01 M	239.0	10/15/84 02/20/85 09/30/85	16.9 13.9 16.7	222.1 225.1 222.3	5001
18S/22E-06O01 M	260.5	10/08/84 03/01/85	55.3 56.4	205.2 204.1	5001	19S/21E-03R01 M	241.0	10/15/84 02/20/85	58.2 38.7	182.8 202.3	5001
18S/22E-06E02 M	260.0	10/08/84 03/01/85	58.6 53.1	201.4 206.9	50C1	19S/21E-03J01 M	241.0	10/15/84 02/20/85 09/30/85	76.0 64.7 111.9	165.0 176.3 129.1	5001
18S/22E-07A01 M	260.0	10/04/84 10/08/84 01/29/85 03/01/85	55.7 51.8 56.5 55.1	204.3 208.2 203.5 204.9	5001	19S/21E-03M01 M	236.0	10/15/84 02/20/85 09/30/85	11.4 12.3 14.7	224.6 223.7 221.3	5001
18S/22E-09A01 M	259.0	10/08/84 03/01/85	48.8 74.2	210.2 184.8	50C1	19S/21E-04R01 M	235.0	10/15/84 02/20/85 09/30/85	8.6 9.4 11.2	226.4 225.6 223.8	5001
18S/22E-08N01 M	260.0	10/08/84 03/01/85	73.5 68.9	186.5 191.1	5001	19S/21E-07R01 M	228.0	10/15/84 02/20/85 09/30/85	68.8 67.3 48.0	159.2 160.7 140.0	5001
18S/22E-10C01 M	263.0	10/04/84 01/29/85	53.2 49.0	209.8 214.0	5001	19S/21E-C9K01 M	233.0	10/15/84 02/20/85 09/30/85	14.6 11.1 13.2	218.4 221.9 219.8	5001
18S/22E-16A01 M		10/04/84	NM-6		5001	19S/21E-10O01 M	235.0	10/15/84 02/20/85 09/30/85	9.2 8.3 12.0	225.8 226.7 223.0	5001
18S/22E-16L01 M	258.0	10/08/84 03/01/85	76.3 80.2	181.7 177.8	50C1	19S/21E-10R01 M	240.0	10/15/84	10.4	229.6	5001
18S/22E-17O01 M	255.0	10/08/84 03/01/85	87.1 75.8	167.9 179.2	50C1						
18S/22E-19H02 M	253.0	10/08/84 03/01/85	89.4 92.4	163.6 160.6	5001						
18S/22E-20O01 M	255.0	10/04/84 01/29/85	75.5 72.0	179.5 183.0	5001						
18S/22E-21C01 M	256.0	10/08/84 03/01/85	84.0 74.3	172.0 181.7	50C1						
18S/22E-22A01 M		10/04/84 01/29/85	NM-4 NM-4		5001						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.J	TULARE LAKE HB SOUTH VALLEY FLOOR HU HANFORD-LEMOORE HA					C C-01 C-01.J	TULARE LAKE HB SOUTH VALLEY FLOOR HU HANFORD-LEMOORE HA				
19S/21E-10R01 M	240.0	02/20/85 09/30/85	12.2 14.3	227.8 225.7	5001	20S/20E-01601 M	215.0	10/17/84 02/25/85	7.4 7.9	207.6 207.1	5001
19S/21E-11R01 M	240.0	10/15/84 02/20/85 09/30/85	64.8 53.9 85.7	175.2 186.1 154.3	5001	20S/20E-01602 M	215.0	10/17/84 02/25/85	6.7 7.0	208.3 208.0	5001
19S/21E-11L02 M	237.0	10/15/84 02/20/85 09/30/85	76.3 61.7 NM-9	160.7 175.3	5001	20S/20E-02C01 M		10/29/84 02/21/85	NM-5 NM-5		5001
19S/21E-11M01 M	238.0	10/15/84 02/20/85 09/30/85	46.9 35.1 61.2(2)	191.1 202.9 176.8	5001	20S/20E-07H01 M		10/29/84 02/21/85	NM-5 NM-5		5001
19S/21E-13A01 M	239.6	10/02/84 01/30/85	78.6 51.6	161.0 188.0	5001	20S/20E-12M01 M	208.0	10/29/84 02/21/85	5.5 3.8	202.5 204.2	5050 5001
19S/21E-13C03 M	234.5	10/02/84 10/15/84 01/30/85 02/20/85	77.0 77.9 55.0 55.3	157.5 156.6 179.5 179.2	5001	20S/20E-19D01 M		02/21/85	NM-7		5050
19S/21E-15J02 M	235.0	10/15/84 02/20/85 09/30/85	77.4 52.4 108.7	157.6 162.6 126.3	5001	20S/20E-20L01 M	196.0	10/29/84 02/21/85	57.0 56.0(9)	139.0 140.0	5050 5001
19S/21E-15R01 M	233.0	10/15/84 02/20/85 09/30/85	6.4 7.7 8.6	226.6 225.3 224.4	5001	20S/20E-23A01 M	204.0	10/29/84 02/21/85	5.5 NM-1	198.5	5050 5001
19S/21E-17B02 M	231.0	10/15/84 02/20/85 09/30/85	79.8 67.5 130.4(2)	151.2 163.5 100.6	5001	20S/20E-28E02 M		10/29/84 02/21/85	NM-9 68.0(9)	126.0	5001
19S/21E-17B03 M	230.0	10/15/84 02/20/85 09/30/85	87.9 63.0 NM-1	142.1 167.0	5001	20S/20E-28E03 M	193.0	10/29/84 02/21/85	58.0 64.5(9)	135.0 128.5	5050 5001
19S/21E-20N01 M	225.0	10/15/84 02/20/85	8.2 7.2	216.8 217.8	5001	20S/20E-29P01 M	194.0	10/29/84 02/21/85	61.0 69.0(9)	133.0 125.0	5050 5001
19S/21E-20R01 M	226.0	10/15/84 02/20/85	25.7 20.9	200.3 205.1	5001	20S/20E-30J01 M	195.0	10/29/84 02/21/85	65.0 NM-9	130.0	5050 5001
19S/21E-21C01 M	229.0	10/15/84 02/20/85	35.9 30.0	193.1 199.0	5001	20S/20E-34B01 M		10/29/84 02/21/85	NM-9 NM-9		5050 5001
19S/21E-28B01 M	225.0	10/15/84 02/25/85	81.7 71.5	143.3 153.5	5001	20S/21E-03A01 M	220.0	10/04/84 01/30/85	5.5 5.5	214.5 214.5	5001
19S/21E-29M01 M	210.5	10/15/84 02/25/85 09/30/85	78.3 54.2 115.4	132.2 156.3 95.1	5001	20S/21E-05E01 M	219.0	10/17/84 02/25/85	73.7 71.9	145.5 147.1	5001
19S/21E-30A01 M	225.0	10/15/84 02/20/85	86.9 61.4	138.1 163.6	5001	20S/21E-06K01 M	218.0	10/17/84 02/25/85	9.7 9.8	208.3 208.2	5001
19S/21E-31O01 M	218.0	10/17/84 02/25/85	5.2 6.1	212.8 211.9	5001	20S/21E-08C01 M	215.0	10/29/84 02/21/85	65.0 58.0(9)	150.0 157.0	5050 5001
19S/21E-32J01 M	221.0	10/15/84 02/25/85	10.4 8.5	210.6 212.5	5001	20S/21E-08D01 M	215.0	10/29/84 02/21/85	69.0 63.0(9)	146.0 152.0	5050 5001
19S/21E-34D01 M	225.4	10/02/84 01/30/85	88.4 56.4	137.0 169.0	5001	20S/21E-09M01 M	214.0	10/15/84 02/25/85	11.2 11.6	202.8 202.4	5001
19S/21E-35O01 M	225.0	10/17/84 02/20/85 09/30/85	24.5 16.7 24.2	200.5 208.3 200.8	5001	20S/21E-15M01 M	210.0	10/29/84 02/21/85	70.0 64.0(9)	140.0 146.0	5050 5001
19S/22E-04B01 M	245.0	11/05/84 02/15/85 09/26/85	58.1 53.5 NM-1	186.9 191.5	5001	20S/21E-16D01 M	211.0	10/29/84 02/21/85	12.0 NM-1	199.0	5050 5001
19S/22E-04J01 M	245.0	11/05/84 02/15/85 09/26/85	57.4 47.9 91.8	187.6 197.1 153.2	5001	20S/21E-16M01 M	208.0	10/29/84 02/21/85	71.0 66.0(9)	137.0 142.0	5050 5001
19S/22E-04M01 M	243.0	11/05/84 02/15/85 09/26/85	57.1 51.5 78.7	185.9 191.5 164.3	5001	20S/21E-17O01 M	211.0	10/29/84 02/21/85	62.0 57.0(9)	149.0 154.0	5050 5001
19S/22E-07A01 M	242.0	11/05/84 02/15/85 09/26/85	66.1 58.9 84.6	175.9 183.1 157.4	5001	21S/21E-04K01 M		10/30/84 02/21/85	NM-9 NM-9		5001
19S/22E-09J01 M	241.4	10/02/84 01/30/85 09/30/85	NM-1 34.4 48.4	207.0 193.0	5001	21S/21E-06J01 M		10/30/84 02/21/85	NM-9 NM-7		5001
19S/22E-10A01 M	245.0	11/05/84 02/15/85 09/26/85	32.4 32.0 47.0	212.6 213.0 198.0	5001	C-01.K KAWAIAH DELTA HA					
19S/22E-10R02 M	241.5	10/02/84 01/30/85	28.5 28.5	213.0 213.0	5001	16S/26E-30O01 M	406.0	10/05/84 02/04/85	10.5 9.0	395.5 397.0	5001
20S/19E-11E01 M	215.0	10/29/84 02/20/85	88.0(9) 88.0(9)	127.0 127.0	5050 5001	17S/24E-20A01 M	290.0	02/04/85 09/25/85	12.4 NM-1	277.6	5001
20S/19E-11M01 M	214.0	10/29/84 02/20/85	91.0(9) 89.0(9)	123.0 125.0	5050 5001	17S/24E-20L01 M	285.0	10/01/84 01/29/85 09/30/85	6.5 7.5 9.5	278.5 277.5 275.5	5001
20S/19E-14H01 M	205.0	12/17/84	153.0	52.0	5646	17S/24E-27F01 M	294.0	10/01/84 01/29/85 09/30/85	8.2 7.2 8.2	285.8 286.8 285.8	5001
20S/19E-26C01 M	205.0	12/17/84	82.0	123.0	5646	17S/24E-34B01 M	297.0	10/01/84 01/29/85 09/30/85	11.5 11.5 13.5	285.5 285.5 283.5	5001
20S/19E-26H01 M	205.0	02/20/85	90.0(9)	125.0	5050	17S/24E-36H03 M	312.0	10/01/84 01/29/85 09/30/85	32.5 32.5 37.5	279.5 279.5 274.5	5001
						17S/25E-10C01 M	335.0	02/04/85 09/25/85	24.5 27.0	310.5 304.0	5001
						17S/25E-11H01 M	344.5	10/09/84 01/30/85	18.0 16.9	326.5 327.6	5001
						17S/25E-12R01 M	354.0	10/05/84 02/04/85	3.5 3.4	350.5 350.5	5001
						17S/25E-13H01 M	363.0	10/09/84 02/04/85	32.8 12.0	350.2 351.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE NB SOUTH VALLEY FLOOR NU KAWAHEH DELTA HA					C C-01 C-01.K	TULARE LAKE NB SOUTH VALLEY FLOOR NU KAWAHEH DELTA HA				
17S/25E-13P01 M	361.0	10/09/84 02/04/85	31.5 34.5	329.5 326.5	5001	17S/26E-29H01 M	400.0	10/01/84 02/01/85	21.5 21.5	378.5 378.5	5001
17S/25E-15N01 M		02/20/85	NM-7		5050	17S/26E-29P01 M	386.0	10/01/84 02/31/85	46.8 43.7	339.2 342.3	5001
17S/25E-15P01 M	340.0	10/09/84 02/04/85	NM-1 79.5	260.5	5001	17S/26E-29R01 M	397.0	10/01/84 02/01/85	23.7 23.6	373.3 373.4	5001
17S/25E-23A01 M	365.0	10/01/84 02/01/85	46.0 43.4	319.0 321.6	5001	17S/26E-30A01 M	383.0	10/01/84 02/31/85	29.2 28.0	353.8 355.0	5001
17S/25E-26C01 M	351.0	10/01/84 02/01/85	69.8 66.7	281.2 284.3	5001	17S/26E-31L02 M	375.0	10/01/84 02/01/85	62.5 53.3	312.5 321.7	5001
17S/25E-26R01 M	356.0	10/01/84 02/01/85	66.3 62.1	289.7 293.9	5001	17S/26E-31O01 M	376.0	10/01/84 02/01/85	57.0 50.8	319.0 325.2	5001
17S/25E-27R01 M	350.0	10/01/84 02/01/85	73.8 68.3	276.2 281.7	5001	17S/26E-32H01 M	395.0	10/01/84 02/01/85	46.4 43.7	348.6 351.3	5001
17S/25E-29D01 M	321.0	02/04/85 09/25/85	58.0 NM-1	263.0	5001	17S/26E-32N01 M	385.0	10/01/84 02/31/85	48.9 45.9	336.1 339.1	5001
17S/25E-29E01 M	318.0	10/01/84 01/29/85 09/30/85	68.0 53.0 NM-1	250.0 265.0	5001	17S/26E-34D01 M	416.0	10/01/84 02/01/85	44.7 45.7	371.3 370.3	5001
17S/25E-29R01 M	325.0	10/09/84 02/04/85	78.4 79.0	246.6 246.0	5001	17S/26E-35D01 M	435.0	10/05/84 02/04/85	62.9 60.8	372.1 374.2	5001
17S/25E-33J01 M	339.0	10/09/84 02/04/85	72.9 60.0	266.1 279.0	5001	17S/26E-36H01 M		10/05/84 02/04/85	NM-1 NM-9		5001
17S/25E-35O01 M	355.0	10/01/84 02/01/85	71.8 66.8	283.2 288.2	5001	17S/26E-36R01 M	425.0	10/31/84 02/31/85	24.5 11.5	400.5 413.5	5001
17S/25E-35E01 M	350.5	10/01/84 02/01/85	68.2 61.1	282.3 289.4	5001	17S/27E-17P01 M	525.0	10/05/84 02/04/85	7.0 6.5	518.0 518.5	5001
17S/25E-35H01 M	349.0	10/01/84 02/01/85	66.5 58.1	282.5 290.9	5001	17S/27E-18P01 M	480.0	10/35/84 02/04/85	NM-1 10.0		5001
17S/25E-36A01 M	368.0	10/01/84 02/01/85	60.0 56.2	308.0 311.8	5001	17S/27E-19D01 M	470.0	10/35/84 02/04/85	12.0 12.0	458.0 458.0	5001
17S/25E-36G01 M	365.0	10/01/84 02/01/85	63.0 54.4	302.0 310.6	5001	17S/27E-27J01 M	539.0	10/05/84 02/34/85	23.0 23.5	516.0 515.5	5001
17S/25E-36H02 M	360.0	10/01/84 02/01/85	62.2 54.6	297.8 305.4	5001	17S/27E-34P01 M	470.0	10/05/84 02/34/85	13.9 13.8	456.1 456.2	5001
17S/26E-02H03 M	500.0	10/09/84 02/04/85	NM-1 13.9	486.1	5001	18S/22E-24D01 M	258.0	10/08/84 01/25/85	48.5 36.5	209.5 221.5	5001
17S/26E-04F02 M	402.9	10/05/84 02/04/85	11.0 10.0	391.9 392.9	5001	18S/22E-24E01 M	255.5	10/34/84 01/29/85	39.5 38.0	216.0 217.5	5001
17S/26E-04N01 M	408.0	10/09/84 02/04/85	24.5 24.0	383.5 384.0	5001	18S/22E-25O01 M		02/20/85	NM-7		5050
17S/26E-07C01 M	360.0	10/09/84 02/04/85	28.5 27.5	331.5 332.5	5001	18S/22E-36P01 M	245.0	10/01/84 01/30/85 09/20/85	71.5 47.5 80.5	173.5 197.5 164.5	5001
17S/26E-08N01 M	364.0	10/09/84 02/04/85	11.0 10.0	353.0 354.0	5001	18S/22E-36P02 M	245.0	10/31/84 10/08/84 01/25/85 01/30/85 09/20/85 09/27/85	71.5 69.4 48.1 45.5 83.5 82.7	173.5 175.6 196.9 199.5 161.5 162.3	5001
17S/26E-14B01 M	486.0	10/09/84 02/04/85	NM-1 25.9	460.1	5001	18S/23E-02O01 M	276.0	10/01/84 01/30/85 09/20/85	48.5 34.5 51.5	227.5 241.5 224.5	5001
17S/26E-14L02 M	474.0	10/05/84 02/04/85	37.5 33.0	436.5 441.0	5001	18S/23E-12B01 M	280.0	10/01/84 01/30/85 09/20/85	49.5 34.5 11.5	230.5 245.5 228.5	5001
17S/26E-16P01 M	415.0	10/09/84 02/04/85	13.5 14.1	401.5 400.9	5001	18S/23E-14A01 M	278.0	10/01/84 01/29/85 09/20/85	62.0 48.0 78.0	216.0 230.0 200.0	5001
17S/26E-17P02 M	385.0	10/09/84 02/04/85	4.0 NM-9	381.0	5001	18S/23E-15A01 M	271.6	01/25/85 09/27/85	49.0 74.3	222.6 197.3	5001
17S/26E-18H02 M	369.0	10/09/84 02/04/85	7.9 8.0	361.1 361.0	5001	18S/23E-16R01 M	263.0	01/25/85 09/27/85	65.0 75.0	198.0 188.0	5001
17S/26E-18O01 M		10/09/84	NM-6		5001	18S/23E-21J01 M	264.0	01/25/85 09/27/85	70.7 98.2	193.3 165.8	5001
17S/26E-20P01 M	385.0	10/01/84 02/01/85	19.5 19.4	365.5 365.6	5001	18S/23E-21O01 M	263.0	10/31/84 01/29/85 09/20/85	83.5 69.5 84.5	179.5 193.5 178.5	5001
17S/26E-20O01 M	390.0	10/01/84 02/01/85	19.9 16.3	370.1 373.7	5001	18S/23E-24K01 M	282.7	10/01/84 01/29/85 09/20/85	74.7 56.7 (4) 44.7	208.0 226.0 238.0	5001
17S/26E-20R01 M	397.0	10/01/84 02/01/85	20.4 21.0	376.6 376.0	5001	18S/23E-26F01 M	274.0	10/31/84 01/29/85 09/20/85	85.4 82.4 83.4	188.6 211.6 190.6	5001
17S/26E-21E01 M	394.0	10/01/84 02/01/85	8.5 10.6	385.5 383.4	5001	18S/23E-26L01 M	273.0	01/25/85 09/27/85	91.8 90.8	181.2 182.2	5001
17S/26E-24A01 M	470.0	10/05/84 02/04/85	12.2 11.7	457.8 458.3	5001	18S/23E-27P01 M	268.0	01/25/85 09/27/85	75.6 86.0	192.4 182.0	5001
17S/26E-25O01 M	445.0	10/05/84 02/04/85	30.5 30.0	414.5 415.0	5001						
17S/26E-27G01 M	427.0	10/01/84 02/01/85	30.3 NM-6	396.5	5001						
17S/26E-28K01 M	412.0	10/01/84 02/01/85	31.5 31.1	380.5 380.9	5001						
17S/26E-28N01 M	401.0	10/01/84 02/01/85	31.7 29.9	369.3 371.1	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAMEAH DELTA HA					C C-01 C-01.K		TULARE LAKE HB SOUTH VALLEY FLOOR HU KAMEAH DELTA HA				
18S/23E-28R01 M	263.0	01/25/85 09/27/85	74.9 84.9	188.1 178.1	5001	18S/25E-20J01 M		337.0	01/29/85 09/27/85	28.0 35.0	309.0 302.0	5001
18S/23E-28R01 M	265.0	01/25/85 09/27/85	83.4 105.7	181.6 159.3	5001	18S/25E-22P01 M		347.0	10/01/84 01/29/85	23.5 17.5	323.5 329.5	5001
18S/23E-32801 M	258.5	01/25/85 09/27/85	56.3 106.0	202.2 152.5	5001	18S/25E-23J01 M		358.0	10/01/84 01/29/85	19.0 17.0	339.0 341.0	5001
18S/23E-32P02 M	255.0	10/04/84 01/29/85	75.5 60.6	179.5 194.4	5001	18S/25E-27001 M		344.5	10/05/84 01/29/85	17.5 17.5	331.0 331.0	5001
18S/23E-33C01 M	264.0	01/25/85 09/27/85	75.0 104.2	189.0 159.8	5001	18S/25E-33F01 M		338.0	10/05/84 01/29/85	36.0 36.0	302.0 302.0	5001
18S/23E-33J01 M	265.0	10/01/84 01/29/85 09/20/85	85.5 82.5 96.5	179.5 182.5 168.5	5001	18S/25E-33R01 M		341.0	10/05/84 01/29/85	35.5 28.5	305.5 312.5	5001
18S/23E-34A01 M	271.0	01/25/85 09/27/85	84.3 92.3	186.7 178.7	5001	18S/25E-34L01 M		345.0	10/05/84 01/29/85	22.5 23.5	322.5 321.5	5001
18S/23E-34A02 M	271.0	10/01/84 01/29/85 09/20/85	89.0 74.0 89.0	182.0 197.0 182.0	5001	18S/26E-01003 M		421.0	10/05/84 02/04/85	10.0 9.0	411.0 412.0	5001
18S/24E-02H01 M	311.0	10/01/84 01/29/85 09/20/85	23.0 22.0 28.0	288.0 289.0 283.0	5001	18S/26E-03A01 M		419.0	10/01/84 02/01/85	48.2 35.9	370.8 383.1	5001
18S/24E-04J01 M	301.0	10/01/84 01/29/85 09/20/85	27.5 22.5 33.5	273.5 278.5 267.5	5001	18S/26E-03C01 M		417.0	10/01/84 02/01/85	45.5 40.0	371.5 377.0	5001
18S/24E-06H01 M	288.0	10/01/84 01/29/85 09/20/85	28.0 23.0 NM-1	260.0 265.0	5001	18S/26E-03H01 M		412.0	10/01/84 02/01/85	37.5 30.8	374.5 381.2	5001
18S/24E-07H01 M	289.0	10/01/84 01/29/85 09/30/85	42.5 30.5 45.5	246.5 258.5 243.5	5001	18S/26E-04A01 M		407.0	10/01/84 02/01/85	44.1 41.3	362.9 365.7	5001
18S/24E-10J01 M	309.5	10/01/84 01/29/85 09/30/85	31.5 28.5 34.5	278.0 281.0 275.0	5001	18S/26E-05L01 M		384.0	10/01/84 02/01/85	54.5 50.1	329.5 333.9	5001
18S/24E-13H02 M	320.0	10/01/84 01/29/85	22.0 18.0	298.0 302.0	5001	18S/26E-06R01 M		380.0	10/01/84 02/01/85	60.0 54.8	320.0 325.2	5001
18S/24E-15R03 M	310.0	10/01/84 01/29/85 09/30/85	41.0 37.0 44.0	269.0 273.0 266.0	5001	18S/26E-06J01 M		371.0	10/01/84 02/01/85	61.1 51.6	309.9 319.4	5001
18S/24E-17L01 M	293.0	10/01/84 01/29/85 09/30/85	35.0 38.0 NM-1	258.0 255.0	5001	18S/26E-06L01 M		369.0	10/01/84 02/01/85	56.9 51.8	323.1 328.2	5001
18S/24E-31C01 M	285.0	10/01/84 01/29/85 09/30/85	97.5 95.5 75.5	187.5 189.5 209.5	5001	18S/26E-07C01 M		369.0	10/01/84 02/01/85	49.5 44.3	319.5 324.7	5001
18S/25E-01C01 M	364.0	10/01/84 02/01/85	63.2 51.7	303.8 312.3	5001	18S/26E-07001 M		365.0	10/01/84 02/01/85	48.0 41.8	317.0 323.2	5001
18S/25E-01J02 M	367.0	10/01/84 02/01/85	63.0 54.2	304.0 312.8	5001	18S/26E-07G01 M		372.0	10/01/84 02/01/85	49.0 44.5	323.0 327.5	5001
18S/25E-02001 M	355.0	10/01/84 02/01/85	69.8 58.7	285.2 296.3	5001	18S/26E-07L01 M		370.0	10/05/84 02/04/85 09/27/85	NM-1 37.5 NM-1	332.5	5001
18S/25E-02G01 M	355.0	10/01/84 02/01/85	61.2 50.4	293.8 304.6	5001	18S/26E-09H01 M		400.0	10/05/84 02/04/85 09/27/85	17.5 15.5 21.5	382.5 384.5 378.5	5001
18S/25E-04H01 M	340.0	10/01/84 01/29/85 09/30/85	58.0 46.0 58.0	282.0 294.0 282.0	5001	18S/26E-10J01 M		406.0	10/05/84 02/04/85 09/27/85	14.0 13.0 16.0	392.0 393.0 390.0	5001
18S/25E-05E02 M	325.0	10/01/84 01/29/85 09/30/85	42.0 34.0 44.0	283.0 291.0 281.0	5001	18S/26E-11H01 M		412.5	10/05/84 02/04/85	16.5 11.5	396.0 401.0	5001
18S/25E-05Q01 M	330.5	10/01/84 01/29/85 09/30/85	46.0 39.0 43.0	284.5 291.5 287.5	5001	18S/26E-14002 M		401.0	10/05/84 02/01/85	4.0 8.0	397.0 393.0	5001
18S/25E-12Q01 M		10/01/84 02/04/85 09/27/85	NM-4 NM-4 NM-4		5001	18S/26E-16K01 M		388.5	10/05/84 02/01/85	17.0 14.0	371.5 374.5	5001
18S/25E-15A02 M	349.0	10/01/84 01/29/85 09/27/85	37.0 36.0 35.0	312.0 313.0 314.0	5001	18S/26E-17L01 M		382.0	10/05/84 02/01/85 09/27/85	NM-1 27.0 NM-1	355.0	5001
18S/25E-15C01 M	346.0	10/01/84 01/29/85 09/27/85	34.0 32.0 33.0	312.0 314.0 313.0	5001	18S/26E-19802 M		373.0	10/05/84 02/01/85	20.5 17.5	352.5 355.5	5001
18S/25E-16801 M	341.0	10/01/84 01/29/85 09/27/85	31.0 28.0 38.0	310.0 313.0 303.0	5001	18S/26F-23C01 M		405.0	10/05/84 01/28/85	19.0 13.4	386.0 391.6	5001
18S/25E-18A01 M	327.0	10/01/84 01/29/85 09/27/85	24.0 19.0 26.0	309.0 308.0 301.0	5001	18S/26E-24R01 M		410.0	10/08/84 01/28/85	22.8 15.5	387.2 394.5	5001
18S/25E-19H01 M	328.0	10/01/84 01/29/85	32.0 28.0	298.0 300.0	5001	18S/26E-24J02 M		430.0	10/05/84 02/01/85	34.0 NM-1	396.0	5001
18S/25E-20J01 M	337.0	10/01/84	64.0	273.0	5001	18S/26E-24J03 M			10/05/84 02/01/85	NM-1 NM-1		5001
						18S/26E-25001 M		425.0	10/02/84 01/28/85	41.2 33.5	383.8 391.5	5001
						18S/26E-25E01 M		427.0	10/03/84 01/28/85	41.4 34.4	385.6 392.6	5001
						18S/26E-25K04 M		436.0	10/03/84 01/28/85	43.1 36.0	392.9 400.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHE DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHE DELTA HA				
18S/26E-25L01 M	429.0	10/03/84 01/28/85	42.8 38.6	386.2 390.4	5001	19S/21E-23A02 M	230.0	01/30/85	26.0	204.0	5001
18S/26E-26D01 M	403.0	10/02/84 01/28/85	39.0 30.4	364.0 372.6	5001	19S/21E-23J01 M	230.0	10/17/84 02/20/85 09/30/85	83.4 60.6 119.1	146.6 169.4 110.9	5001
18S/26E-26D02 M	414.0	10/03/84 01/28/85	41.9 35.3	372.1 378.7	5001	19S/21E-24H01 M	230.0	10/17/84 02/20/85 09/30/85	70.7 49.7 99.5	159.3 180.3 130.5	5001
18S/26E-27E01 M	389.0	10/05/84 02/01/85	19.0 17.0	370.0 372.0	5001	19S/21E-24L01 M	229.0	10/17/84 02/20/85 09/30/85	36.0 33.5 36.9	192.0 194.5 191.1	5001
18S/26E-27H01 M	404.3	10/03/84 01/28/85	32.6 26.8	371.7 377.5	5001	19S/21E-25J01 M	226.0	10/17/84 02/20/85 09/30/85	NM-1 47.1 90.8	178.9 135.2	5001
18S/26E-29D01 M	375.5	10/05/84 02/01/85	15.5 15.5	360.0 360.0	5001	19S/21E-25P01 M	221.6	10/02/84 01/30/85	78.6 47.6	143.0 174.0	5001
18S/26E-30H01 M	367.0	10/05/84 02/01/85	18.5 18.5	348.5 348.5	5001	19S/21E-26B01 M	225.0	10/17/84 02/20/85 09/30/85	62.5 42.3 83.0	162.5 182.7 142.0	5001
18S/26E-32A01 M	374.0	10/05/84 02/01/85	13.0 19.0	361.0 355.0	5001	19S/21E-36M01 M	220.0	10/17/84 02/20/85 09/26/85	23.3 19.9 26.3	196.7 200.1 193.7	5001
18S/26E-32R01 M	369.0	10/03/84 01/28/85	17.0 14.4	352.0 354.6	5001	19S/22E-01H02 M	245.0	10/02/84 01/30/85 09/30/85	33.5 30.5 40.5	211.5 214.5 204.5	5001
18S/26E-33F01 M	377.0	10/08/84 01/28/85	17.8 15.6	359.2 361.4	5001	19S/22E-C2K01 M	244.8	10/02/84 01/30/85 09/30/85	29.8 30.8 40.8	215.0 214.0 204.0	5001
18S/26E-34P02 M	391.0	10/03/84 01/28/85	36.4 34.5	354.6 356.5	5001	19S/22E-14M01 M	242.0	11/05/84 02/15/85 09/26/85	54.3 46.3 NM-1	187.7 195.7	5001
18S/26E-35M01 M	404.0	10/03/84 01/28/85	43.6 40.4	360.4 363.6	5001	19S/22E-15M01 M	240.0	11/05/84 02/15/85 09/26/85	39.2 43.0 62.7	200.8 197.0 177.3	5001
18S/26E-35R01 M	417.0	10/09/84 01/28/85	47.5 43.6	369.5 373.4	5001	19S/22E-16A02 M	237.0	10/02/84 01/30/85	28.0 30.0	209.0 207.0	5001
18S/27E-05J01 M	445.0	10/05/84 02/01/85 09/27/85	12.5 14.5 12.5	432.5 430.5 432.5	5001	19S/22E-17E01 M	236.6	10/02/84 01/30/85	58.6 37.6	178.0 199.0	5001
18S/27E-07B01 M	431.0	10/05/84 02/01/85 09/27/85	14.0 17.0 11.0	417.0 414.0 420.0	5001	19S/22E-17L01 M	234.4	10/02/84 01/30/85	49.4 42.4	185.0 192.0	5001
18S/27E-07R02 M	426.0	10/04/84 02/01/85 09/27/85	10.0 13.0 13.0	416.0 413.0 413.0	5001	19S/22E-19M01 M	231.0	10/17/84 02/15/85 09/30/85	65.4 46.1 81.5	165.6 184.9 149.5	5001
18S/27E-09C01 M	456.0	01/18/85 09/24/85	19.0 NM-1	437.0	5001	19S/22E-21C01 M	235.0	10/02/84 01/30/85	56.0 42.0	179.0 193.0	5001
18S/27E-09D01 M	492.5	01/18/85 09/24/85	28.0 1.0	464.5 491.5	5001	19S/22E-22A01 M	237.0	10/02/84 01/30/85	33.0 31.0	204.0 206.0	5001
18S/27E-10F01 M	484.0	01/18/85 09/24/85	4.5 8.5	479.5 475.5	5001	19S/22E-23A01 M	240.0	10/02/84 01/30/85	40.5 37.5	199.5 202.5	5001
18S/27E-11G01 M	553.0	01/18/85 09/24/85	17.5 42.5	535.5 510.5	5001	19S/22E-24R01 M	241.8	10/02/84 01/30/85	50.4 54.8	191.0 187.0	5001
18S/27E-11K01 M	565.0	01/18/85 09/24/85	7.5 22.5	557.5 542.5	5001	19S/22E-27C01 M	233.5	11/05/84 02/15/85 09/26/85	36.5 36.4 42.6	197.0 197.1 190.9	5001
18S/27E-17C01 M	434.0	01/18/85 09/24/85	12.5 38.5	421.5 395.5	5001	19S/22E-28D01 M	230.0	10/02/84 01/30/85	61.0 41.0	169.0 189.0	5001
18S/27E-17H02 M	454.0	10/02/84 01/28/85	39.7 21.6	414.3 432.4	5001	19S/22E-30D01 M	228.0	10/02/84 01/30/85	49.5 35.5	178.5 192.5	5001
18S/27E-19A01 M	439.0	10/02/84 01/28/85	34.3 25.0	404.7 414.0	5001	19S/22E-31B02 M	224.0	10/02/84 01/30/85	57.0 37.0	167.0 187.0	5001
18S/27E-19D01 M	426.0	10/02/84 01/28/85	34.8 21.7	391.2 404.3	5001	19S/22E-32D01 M	226.0	11/05/84 02/15/85 09/26/85	44.5 48.4 71.8	181.5 177.6 154.2	5001
18S/27E-19G01 M	439.0	10/02/84 01/28/85	31.7 24.8	407.3 414.2	5001	19S/22E-33D02 M	227.0	10/02/84 01/30/85	45.0 37.0	182.0 190.0	5001
18S/27E-19H01 M	447.0	10/02/84 01/28/85	36.7 27.6	410.3 419.4	5001	19S/22E-34L01 M	232.0	10/02/84 01/30/85	47.5 38.5	184.5 193.5	5001
18S/27E-19N01 M	438.0	10/02/84 01/28/85	28.3 25.3	409.7 412.7	5001	19S/22E-36E01 M	234.3	11/05/84 02/15/85 09/26/85	13.1 3.1 11.0	221.2 231.2 223.3	5001
18S/27E-20N02 M	447.0	10/02/84 01/28/85	25.3 21.9	421.7 425.1	5001	19S/23E-C2F01 M	273.0	10/02/84 01/30/85	75.5 63.5 75.5	197.5 209.5 197.5	5001
18S/27E-21D01 M	462.5	10/02/84 01/28/85	20.6 20.2	441.9 442.3	5001	19S/23E-06H01 M	252.0	10/02/84 01/30/85 09/30/85	68.0 63.0 68.0	184.0 189.0 184.0	5001
18S/27E-28L01 M	518.0	01/18/85 09/24/85	20.5 45.5	497.5 472.5	5001	19S/23E-07A02 M	251.0	10/02/84 01/30/85 09/30/85	74.5 60.5 76.5	176.5 190.5 174.5	5001
18S/27E-29E01 M	456.5	10/02/84 01/28/85	20.7 19.9	435.8 436.6	5001						
18S/27E-30E01 M	446.0	10/03/84 01/28/85	18.5 19.7	427.5 426.3	5001						
18S/27E-30G01 M	446.0	10/02/84 01/28/85	28.0 23.3	418.0 422.7	5001						
18S/27E-30H01 M	455.0	10/08/84 01/28/85	21.0 18.5	434.0 436.5	5001						
19S/21E-23A02 M	230.0	10/02/84	35.0	199.0	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA				
19S/23E-08J01 M	256.0	11/05/84 02/15/85 09/27/85	70.7 65.3 76.5	185.3 190.7 179.5	5001	19S/24E-14A01 M	313.0	02/06/85 09/30/85	45.0 56.0	268.0 257.0	5001
19S/23E-10C01 M	265.0	11/05/84 02/15/85 09/27/85	69.8 58.6 74.2	195.2 206.4 190.8	5001	19S/24E-14B01 M	307.6	10/02/84 01/30/85	47.6 44.6	260.0 263.0	5001
19S/23E-10D01 M	265.0	11/05/84 02/15/85 09/27/85	67.7 63.6 76.0	197.3 201.4 189.0	5001	19S/24E-16P01 M	290.0	10/16/84 02/06/85 09/30/85	60.0 57.0 69.0	230.0 233.0 221.0	5001
19S/23E-10Q01 M	265.4	10/02/84 01/30/85	63.4 59.4	202.0 206.0	5001	19S/24E-17A01 M	291.0	10/16/84 02/06/85 09/30/85	62.0 61.0 68.0	229.0 230.0 223.0	5001
19S/23E-11C01 M	268.0	10/02/84 11/05/84 01/30/85 02/15/85 09/27/85 09/30/85	70.5 73.3 58.5 68.9 16.5 75.5	197.5 194.7 209.5 199.1 251.5 192.5	5001	19S/24E-17N01 M	283.0	10/16/84 02/06/85 09/30/85	65.0 64.0 65.5	218.0 219.0 217.5	5001
19S/23E-12L01 M	272.4	10/02/84 01/30/85 09/30/85	57.4 58.4 61.4	215.0 214.0 211.0	5001	19S/24E-18J01 M	283.6	10/02/84 01/30/85	71.6 63.6	212.0 220.0	5001
19S/23E-13A03 M	277.0	10/17/84 02/06/85 09/30/85	53.0 52.0 55.5	224.0 225.0 221.5	5001	19S/24E-18R01 M	281.0	10/16/84 02/06/85 09/30/85	63.5 56.0 77.0	217.5 225.0 204.0	5001
19S/23E-19H01 M	248.0	10/17/84 02/06/85 09/30/85	46.0 43.5 53.5	202.0 204.5 194.5	5001	19S/24E-19L01 M	276.5	10/17/84 02/06/85 09/30/85	53.5 48.0 66.0	223.0 228.5 210.5	5001
19S/23E-20C01 M	251.5	10/17/84 11/05/84 02/06/85 02/15/85 09/27/85 09/30/85	53.5 65.3 49.0 51.0 57.8 59.0	198.0 186.2 202.5 200.5 193.7 192.5	5001	19S/24E-20J01 M	286.0	10/16/84 02/06/85 09/30/85	61.9 55.0 72.0	224.1 231.0 214.0	5001
19S/23E-21C01 M	255.0	10/02/84 01/30/85	46.4 53.4	208.6 201.6	5001	19S/24E-22C01 M	296.6	10/02/84 02/04/85	NM-1 50.6		5001
19S/23E-21P01 M	255.0	10/17/84 02/06/85 09/30/85	38.5 38.0 50.0	216.5 217.0 205.0	5001	19S/24E-22C02 M	297.5	10/17/84 02/06/85 09/30/85	45.0 46.0 54.0	252.5 251.5 243.5	5001
19S/23E-22H01 M	262.6	10/02/84 01/30/85	43.6 37.6	219.0 225.0	5001	19S/24E-22P01 M	295.0	10/16/84 02/06/85 09/30/85	52.5 50.5 61.0	242.5 244.5 234.0	5001
19S/23E-24L01 M	271.0	10/17/84 02/06/85 09/30/85	42.5 41.0 53.5	228.5 230.0 217.5	5001	19S/24E-23001 M	305.0	10/17/84 02/06/85	44.0 46.5	261.0 258.5	5001
19S/23E-25C01 M	270.5	10/17/84 02/06/85 09/30/85	41.5 42.0 49.5	229.0 228.5 221.0	5001	19S/24E-24A03 M	310.0	10/16/84 02/06/85 09/30/85	40.5 37.5 47.5	259.5 272.5 262.5	5001
19S/23E-25L02 M	267.5	10/17/84 02/06/85 09/30/85	44.5 44.5 59.5	223.0 223.0 208.0	5001	19S/24E-25001 M	300.5	10/16/84 02/06/85 09/30/85	44.5 42.0 50.0	256.0 258.5 250.5	5001
19S/23E-26B01 M	265.0	10/17/84 02/06/85 09/30/85	26.0 31.5 42.0	239.0 233.5 223.0	5001	19S/24E-27H01 M	295.5	10/17/84 02/07/85 09/30/85	50.5 50.0 54.5	245.0 245.5 241.0	5001
19S/23E-27A01 M	262.0	10/17/84 02/06/85 09/30/85	31.5 32.0 45.5	230.5 230.0 216.5	5001	19S/24E-27001 M	290.0	10/16/84 02/06/85	60.0 54.0	230.0 236.0	5001
19S/23E-27P01 M	258.0	10/17/84 02/06/85	21.5 21.5	236.5 236.5	5001	19S/24E-28H01 M	291.0	10/16/84 02/06/85	56.0 53.0	235.0 238.0	5001
19S/23E-30H02 M	246.0	10/17/84 02/06/85 09/30/85	40.0 38.5 54.5	206.0 207.5 191.5	5001	19S/24E-29001 M	280.0	10/16/84 02/07/85	NM-1 54.0		5001
19S/23E-31R01 M	243.0	10/17/84 02/06/85 09/30/85	38.5 36.5 53.5	204.5 206.5 189.5	5001	19S/24E-29R01 M	282.5	10/16/84 02/07/85	53.5 74.5	229.0 208.0	5001
19S/23E-32H01 M	251.0	10/17/84 02/06/85 09/30/85	40.0 38.0 52.0	211.0 213.0 199.0	5001	19S/24E-30J01 M	276.5	10/16/84 02/07/85	60.5 53.5	216.0 223.0	5001
19S/23E-34L01 M	255.0	10/17/84 02/06/85 09/30/85	25.0 27.5 41.5	230.0 227.5 213.5	5001	19S/24E-31E01 M	267.0	10/17/84 02/07/85	49.0 46.5	218.0 220.5	5001
19S/23E-35H01 M	263.5	10/17/84 02/06/85 09/30/85	33.5 33.5 45.0	230.0 230.0 218.5	5001	19S/24E-31K01 M	271.7	10/05/84 02/04/85	71.7 52.7	200.0 219.0	5001
19S/24E-03A01 M	303.6	10/02/84 01/30/85	53.5 50.5	250.1 253.1	5001	19S/24E-33A02 M	287.0	10/16/84 02/06/85	60.5 56.0	226.5 231.0	5001
19S/24E-04D01 M	292.0	10/05/84 01/30/85	53.0 51.0	239.0 241.0	5001	19S/24E-33H01 M	285.0	10/16/84 02/06/85	54.0 55.5	231.0 229.5	5001
19S/24E-06N01 M	277.6	10/02/84 01/30/85 09/30/85	55.6 51.6 NM-1	222.0 226.0	5001	19S/24E-35R01 M	295.0	10/17/84 02/07/85	56.0 51.0	239.0 244.0	5001
19S/24E-10F01 M	301.5	10/16/84 02/06/85 09/30/85	52.0 42.0 52.0	249.5 259.5 249.5	5001	19S/24E-36C01 M	302.0	10/16/84 02/07/85	51.0 46.0	251.0 256.0	5001
19S/24E-14A01 M	313.0	10/16/84	46.5	266.5	5001	19S/24E-36R01 M	305.5	10/16/84 02/07/85	49.5 45.5	256.0 260.0	5001
						19S/25E-01P01 M	353.0	10/04/84 02/04/85	14.5 16.5	336.5 336.5	5001
						19S/25E-02A01 M	353.0	10/04/84 02/04/85	14.0 13.0	339.0 340.0	5001
						19S/25E-07K01 M	320.0	10/04/84 02/04/85	58.0 55.0	262.0 265.0	5001
						19S/25E-07K03 M	320.0	10/04/84 02/04/85	48.0 34.0	272.0 286.0	5001
						19S/25E-09H01 M	336.0	10/04/84 02/04/85	24.0 23.0	312.0 313.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAVEAH DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAVEAH DELTA HA				
195/25E-10R01 M	340.0	10/04/84 02/04/85	20.5 18.5	319.5 321.5	5001	195/26E-17A01 M	355.8	10/33/84 01/23/85	28.7 25.7	327.1 330.1	5001
195/25E-13A02 M	348.0	10/04/84 02/04/85	12.0 13.0	336.0 335.0	5001	195/26E-17L01 M	352.5	10/04/84 02/01/85	22.5 22.5	330.0 330.0	5001
195/25E-16A02 M	333.0	10/04/84 02/04/85	21.0 23.0	312.0 310.0	5001	195/26E-20A01 M	350.0	10/03/84 10/04/84 01/29/85 02/01/85	27.5 33.5 22.5 21.5	322.5 316.5 327.5 328.5	5001
195/25E-19B01 M	315.4	10/16/84 02/07/85	29.5 33.5	285.9 281.9	5001	195/26E-20H01 M	345.0	10/33/84 01/23/85	25.5 22.3	319.5 322.7	5001
195/25E-20P01 M	319.0	10/16/84 02/07/85	26.0 27.5	293.0 291.5	5001	195/26E-21A01 M	357.0	10/03/84 01/29/85	38.2 NM-1	318.8	5001
195/25E-23D02 M	336.0	10/04/84 02/04/85	17.0 18.0	319.0 318.0	5001	195/26E-21J01 M	352.0	10/04/84 02/01/85	38.0 31.0	314.0 321.0	5001
195/25E-24M01 M	337.0	10/04/84 02/04/85	15.5 13.5	321.5 323.5	5001	195/26E-21R01 M	347.0	10/03/84 01/28/85	47.3 34.2	299.7 312.8	5001
195/25E-27A01 M	330.0	10/04/84 02/04/85	NM-1 17.0	313.0	5001	195/26E-22D02 M	358.0	10/03/84 01/28/85	39.4 33.1	318.6 324.9	5001
195/25E-28H01 M	320.0	10/04/84 02/01/85	20.0 19.0	300.0 301.0	5001	195/26E-23E01 M	359.0	10/33/84 01/28/85	42.3 35.2	316.7 323.8	5001
195/25E-29B01 M	320.5	10/16/84 02/07/85	33.5 23.5	287.0 297.0	5001	195/26E-23H01 M	361.0	10/04/84 01/28/85	34.7 NM-0	326.3	5001
195/25E-30C01 M	311.0	10/16/84 02/07/85	34.5 33.0	276.5 278.0	5001	195/26E-23Q02 M	356.0	10/33/84 01/28/85	40.0 31.3	316.0 324.7	5001
195/25E-31A01 M	311.5	10/16/84 02/07/85	36.5 38.5	275.0 273.0	5001	195/26E-24H01 M	366.0	10/04/84 01/29/85	33.0 27.9	333.0 338.1	5001
195/25E-34A02 M	325.0	10/04/84 02/01/85	18.0 18.0	307.0 307.0	5001	195/26E-24Q01 M	355.0	10/04/84 01/29/85	24.0 21.3	331.0 333.7	5001
195/25E-35B02 M	324.5	10/04/84 02/01/85	17.5 16.5	307.0 308.0	5001	195/26E-25M01 M	345.0	10/03/84 01/28/85	22.4 20.1	323.6 325.9	5001
195/26E-02A01 M	415.0	10/08/84 01/28/85	49.3 46.9	365.7 368.1	5001	195/26E-25R01 M	355.0	10/09/84 02/26/85	24.5 18.3	330.5 336.7	5001
195/26E-02C01 M	407.0	10/03/84 01/28/85	47.7 43.4	359.3 363.6	5001	195/26E-26C01 M	351.0	10/03/84 01/29/85	38.9 28.6	315.1 322.4	5001
195/26E-04J01 M	384.0	10/04/84 02/04/85	46.0 35.0	338.0 349.0	5001	195/26E-26H02 M	345.0	10/03/84 01/28/85	39.2 27.0	305.8 318.0	5001
195/26E-05C01 M	365.0	10/04/84 02/04/85	17.0 18.0	348.0 347.0	5001	195/26E-26P01 M	344.0	10/09/84 02/26/85	35.0 24.7	309.0 319.3	5001
195/26E-05N01 M	361.0	10/04/84 02/04/85	20.8 19.8	340.2 341.2	5001	195/26E-28D01 M	341.0	10/04/84 02/01/85	23.0 23.0	318.0 318.0	5001
195/26E-05R01 M	367.0	10/03/84 01/28/85	28.2 24.5	338.8 342.5	5001	195/26E-30D01 M	341.0	10/04/84 02/01/85	16.0 16.0	325.0 325.0	5001
195/26E-09J02 M	374.0	10/04/84 02/01/85	44.5 38.5	329.5 335.5	5001	195/26E-30Q01 M	330.0	10/04/84 02/01/85	16.0 17.0	314.0 313.0	5001
195/26E-10K01 M	382.0	10/03/84 01/29/85	48.5 42.0	333.5 340.0	5001	195/26E-33C01 M	331.0	10/04/84 02/01/85	28.0 22.0	303.0 309.0	5001
195/26E-10R01 M	377.0	10/04/84 01/29/85	48.7 42.8	328.3 334.2	5001	195/26E-33H01 M	324.0	10/04/84 01/30/85	37.0 24.0	289.0 302.0	5001
195/26E-11C01 M	400.0	10/04/84 01/28/85	53.6 48.6	346.4 351.4	5001	195/26E-34R02 M	341.0	01/18/85 09/24/85	33.0 33.0	308.0 308.0	5001
195/26E-11D01 M	393.0	10/04/84 01/29/85	50.8 47.3	342.2 345.7	5001	195/26E-35D01 M	340.0	10/01/84 01/29/85 09/30/85	39.3 35.8 38.0	300.7 304.5 302.0	5001
195/26E-11M01 M	384.0	10/04/84 01/29/85	51.8 45.4	332.2 338.6	5001	195/26E-35G01 M	348.0	10/01/84 01/28/85 09/30/85	35.5 28.4 38.0	312.5 319.6 310.0	5001
195/26E-11R01 M	391.5	10/04/84 01/29/85	50.3 45.8	341.2 345.7	5001	195/26E-35H01 M	346.0	10/03/84 01/28/85	37.5 27.2	308.5 318.8	5001
195/26E-13M03 M	376.5	10/04/84 01/29/85	39.1 37.3	337.4 339.2	5001	195/26E-35Q01 M	343.0	10/01/84 01/29/85 09/30/85	38.4 28.4 40.5	314.6 302.5	5001
195/26E-13R01 M	380.0	10/04/84 01/29/85	44.3 39.6	335.7 340.4	5001	195/26E-35Q01 M	350.5	10/01/84 01/28/85 09/30/85	39.4 29.5 42.3	311.1 321.0 308.2	5001
195/26E-14E01 M	375.0	10/03/84 01/28/85	46.4 40.7	328.6 334.3	5001	195/26E-36F01 M	355.0	10/01/84 01/28/85	22.1 23.0	332.9 332.0	5001
195/26E-14K01 M	377.0	10/04/84 01/29/85	45.0 40.6	332.0 336.4	5001	195/26E-36F02 M	355.0	01/28/85 09/30/85	10.4 13.8	345.6 342.2	5001
195/26E-15C01 M	373.0	10/04/84 01/29/85	46.1 41.8	326.9 331.2	5001	195/27E-19Q01 M	357.9	10/09/84 02/26/85	17.2 21.7	340.7 338.2	5001
195/26E-15J01 M	372.0	10/03/84 01/29/85	45.4 38.2	326.6 333.8	5001	195/27E-29D01 M	390.0	10/03/84 01/28/85	42.1 39.0	347.9 351.0	5001
195/26E-15L01 M	368.0	10/03/84 01/29/85	43.7 39.7	324.3 328.3	5001	195/27E-29L01 M	385.0	10/02/84 01/28/85	25.7 28.9	359.3 356.1	5001
195/26E-15R01 M	368.0	10/09/84 01/28/85	45.7 40.6	322.3 327.4	5001	195/27E-30K01 M	359.0	10/03/84	19.2	338.8	5001
195/26E-16J02 M	364.0	10/03/84 10/04/84 01/28/85 02/01/85	39.5 39.5 35.7 36.5	324.5 324.5 328.3 327.5	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHEA DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHEA DELTA HA				
19S/27E-30K01 M		01/28/85	NM-1		5001	20S/23E-05J01 M	242.0	10/17/84 02/15/85 09/26/85	39.2 38.3 70.0	202.8 203.7 172.0	5001
19S/27E-30P01 M	359.0	10/09/84 02/26/85	24.7 24.9	334.3 334.1	5001	20S/23E-07H03 M	237.0	10/12/84 02/08/85	44.0 51.0	193.0 186.0	5001
19S/27E-31A01 M	364.0	10/03/84 01/28/85	NM-1 24.4	339.6	5001	20S/23E-08G01 M	241.0	10/17/84 02/15/85 09/26/85	46.0 43.8 53.4	195.0 197.2 187.6	5001
19S/27E-31001 M	358.0	10/03/84 01/28/85	20.0 21.7	338.0 336.3	5001	20S/23E-08H01 M	242.0	10/12/84 02/08/85	41.0 40.0	201.0 202.0	5001
19S/27E-34R01 M	544.0	01/18/85 09/24/85	1.0 14.0	543.0 530.0	5001	20S/23E-09J02 M	245.5	10/12/84 02/11/85	29.5 34.0	216.0 211.5	5001
20S/21E-01L01 M	220.0	10/15/84 02/20/85 09/26/85	64.0 64.8 99.8	156.0 155.2 120.2	5001	20S/23E-11C01 M	250.6	10/03/84 01/30/85	51.6 48.6	199.0 202.0	5001
20S/21E-02A01 M	221.4	10/04/84 01/30/85	22.4 19.4	199.0 202.0	5001	20S/23E-11L01 M	251.5	10/12/84 02/11/85	36.5 38.0	215.0 213.5	5001
20S/22E-01H01 M	237.0	10/17/84 02/08/85	42.0 34.0	195.0 203.0	5001	20S/23E-12A01 M	258.0	10/17/84 02/07/85	46.0 44.5	212.0 213.5	5001
20S/22E-01Q01 M	233.0	10/17/84 02/15/85 09/26/85	56.2 40.8 57.4	176.8 192.2 175.6	5001	20S/23E-13E02 M	250.0	10/15/84 02/07/85	46.0 48.5	204.0 201.5	5001
20S/22E-02C01 M	232.0	11/05/84 02/15/85 09/26/85	41.8 37.8 56.0	190.2 194.2 176.0	5001	20S/23E-15A01 M	246.0	10/15/84 02/11/85	NM-3 31.5	214.5	5001
20S/22E-03B01 M	231.0	11/05/84 02/15/85 09/26/85	41.5 40.7 60.9	189.5 190.3 170.1	5001	20S/23E-16J01 M	241.5	10/15/84 02/11/85	35.5 35.5	206.0 206.0	5001
20S/22E-03C02 M	229.0	10/02/84 01/30/85	44.0 38.0	185.0 191.0	5001	20S/23E-17C01 M	238.0	10/17/84 02/11/85	47.5 53.5	190.5 184.5	5001
20S/22E-03P01 M	227.0	10/17/84 02/15/85 09/26/85	47.5 41.0 97.3	179.5 186.0 129.7	5001	20S/23E-18R01 M	234.5	10/17/84 02/11/85	NM-1 56.0	178.5	5001
20S/22E-04C01 M	226.0	10/02/84 01/30/85	38.0 34.0	188.0 192.0	5001	20S/23E-19J01 M	231.0	10/12/84 02/11/85	45.5 41.0	185.5 190.0	5001
20S/22E-04D01 M	225.0	11/05/84 02/15/85 09/26/85	43.8 43.5 55.8	181.2 181.5 169.2	5001	20S/23E-21B01 M	239.0	10/12/84 02/11/85	NM-1 40.0	199.0	5001
20S/22E-05L01 M	222.0	11/05/84 02/15/85 09/26/85	49.0 46.7 75.9	173.0 175.3 146.1	5001	20S/23E-24L01 M	250.0	10/15/84 02/11/85	47.5 47.0	202.5 203.0	5001
20S/22E-06A01 M	223.5	10/02/84 01/30/85	39.5 29.5	184.0 194.0	5001	20S/23E-25J02 M	246.5	10/15/84 02/11/85	62.0 64.5	184.5 182.0	5001
20S/22E-06C01 M	222.0	11/05/84 02/15/85 09/26/85	57.8 64.2 100.2	164.2 157.8 121.8	5001	20S/23E-26C01 M	243.5	10/15/84 02/25/85	44.0 NM-1	199.5	5001
20S/22E-06H01 M	221.0	11/05/84 02/15/85	58.7 72.4	162.3 148.6	5631 5129	20S/23E-26R01 M	242.7	10/15/84 02/25/85	47.5 46.0	195.2 196.7	5001
20S/22E-07A02 M	219.0	10/17/84 02/15/85 09/26/85	37.3 42.0 61.5	181.7 177.0 157.5	5001	20S/23E-27D01 M	237.5	10/15/84 02/25/85	40.5 39.5	197.0 198.0	5001
20S/22E-07A03 M	219.5	10/02/84 01/30/85	39.0 30.0	180.5 189.5	5001	20S/23E-27P01 M	238.0	02/21/85	57.0(9)	181.0	5050
20S/22E-07A04 M	219.0	10/17/84 02/15/85 09/26/85	49.3 51.5 102.7	169.7 167.5 116.3	5001	20S/23E-27R01 M	238.0	10/10/84 02/25/85	40.0 41.0	198.0 197.0	5001
20S/22E-07H01 M	216.4	10/02/84 01/30/85	57.4 29.4	159.0 187.0	5001	20S/23E-29J02 M	231.5	10/15/84 02/25/85	38.5 38.5	193.0 193.0	5001
20S/22E-08A02 M	221.0	10/02/84 01/30/85	30.0 27.0	191.0 194.0	5001	20S/23E-30G01 M		10/15/84	NM-0		5001
20S/22E-08J01 M	220.0	11/05/84 02/15/85 09/26/85	33.6 39.8 67.8	186.4 180.2 152.2	5001	20S/23E-31N01 M	219.5	10/15/84 02/25/85	25.5 26.0	194.0 193.5	5001
20S/22E-09H01 M	225.0	10/17/84 02/15/85 09/26/85	53.0 44.9 110.0	172.0 180.1 115.0	5001	20S/24E-04E01 M	276.0	10/16/84 02/07/85	58.5 57.0	217.5 219.0	5001
20S/22E-10H02 M	225.0	10/17/84 02/15/85 09/26/85	61.1 48.1 134.2(2)	163.9 176.9 90.8	5001	20S/24E-04J02 M	279.5	10/16/84 02/07/85	62.5 60.5	217.0 219.0	5001
20S/22E-25R01 M	223.0	10/12/84 02/25/85	32.5 32.0	190.5 191.0	5001	20S/24E-06A01 M	270.0	10/16/84 02/07/85	59.0 50.0	211.0 220.0	5001
20S/22E-36A01 M	219.2	01/31/85	32.2	187.0	5001	20S/24E-07G01 M	262.5	10/12/84 02/07/85	62.5 52.5	200.0 210.0	5001
20S/22E-36H01 M	220.0	10/30/84 02/21/85	31.0 NM-1	189.0 5001	5050 5001	20S/24E-09H01 M	269.0	10/15/84 02/07/85	60.0 55.0	209.0 214.0	5001
20S/23E-02H01 M	258.5	10/17/84 02/08/85	36.0 36.0	222.5 222.5	5001	20S/24E-10R01 M		02/21/85	NM-7		5050
20S/23E-03L01 M	251.5	10/17/84 02/08/85	24.0 24.0	227.5 227.5	5001	20S/24E-14R01 M	278.0	10/16/84 02/07/85	52.5 48.5	225.5 229.5	5001
20S/23E-04F01 M	246.0	10/17/84 02/08/85	35.5 34.5	210.5 211.5	5001	20S/24E-15P01 M	275.0	10/15/84 02/07/85	48.5 48.5	226.5 226.5	5001
						20S/24E-16H01 M	272.5	10/15/84 02/07/85	66.0 52.0	206.5 220.5	5001
						20S/24E-17A02 M	265.0	10/15/84 02/07/85	51.5 53.5	214.5 212.5	5001
						20S/24E-17P01 M	259.5	10/15/84 02/07/85	47.0 41.5	212.5 218.0	5001
						20S/24E-18F01 M	257.0	10/15/84 02/07/85	62.0 49.0	195.0 208.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA				
20S/24E-20M02 M	256.0	10/15/84 02/11/85	50.0 47.5	206.0 208.5	5001	20S/26E-02E04 M	342.0	09/30/85	45.0	297.0	5001
20S/24E-24M01 M	279.0	10/03/84 01/31/85	62.5 43.5	216.5 235.5	5001	20S/26E-02J01 M	354.8	10/01/84 01/28/85 09/30/85	39.9 38.3 42.8	314.9 316.5 312.0	5001
20S/24E-25M01 M	269.0	10/03/84 01/31/85	25.0 25.0	244.0 244.0	5001	20S/26E-02P01 M	350.0	10/01/84 01/28/85 09/30/85	43.5 38.9 46.7	306.5 311.1 303.3	5001
20S/24E-27C01 M	265.0	10/15/84 02/25/85	40.0 41.0	225.0 224.0	5001	20S/26E-03K01 M	339.5	10/01/84 01/28/85 09/30/85	39.4 32.5 39.5	300.1 307.0 300.0	5001
20S/24E-28L01 M	257.5	10/15/84 02/25/85	36.0 34.0	221.5 223.5	5001	20S/26E-04H01 M	333.0	10/01/84 01/28/85 09/30/85	NM-1 39.5 NM-0	293.5	5001
20S/24E-29B01 M	255.5	10/15/84 02/25/85	57.5 49.5	198.0 206.0	5001	20S/26E-07R02 M	319.0	10/03/84 02/01/85	46.0 40.0	273.0 279.0	5001
20S/24E-30J02 M	250.0	10/15/84 02/25/85	49.0 44.0	201.0 206.0	5001	20S/26E-08H01 M	327.0	10/01/84 01/28/85 09/30/85	NM-1 43.2 47.8	283.8 279.2	5001
20S/24E-31R01 M	246.0	10/15/84 02/25/85	53.0 50.5	193.0 195.5	5001	20S/26E-08P01 M	328.4	10/01/84 01/28/85 09/30/85	61.5 40.5 57.1	266.9 287.9 271.3	5001
20S/24E-33C01 M	255.0	10/15/84 02/25/85	36.0 38.0	219.0 217.0	5001	20S/26E-09B01 M	333.0	10/01/84 01/28/85 09/30/85	53.5 43.0 NM-1	279.5 290.0	5001
20S/24E-34C01 M	261.0	10/03/84 01/31/85	38.5 30.5	222.5 230.5	5001	20S/26E-09P02 M	330.0	10/01/84 01/28/85 09/30/85	63.0 53.9 61.5	267.0 276.1 268.5	5001
20S/25E-01A01 M	320.0	10/03/84 02/01/85	14.0 13.0	306.0 307.0	5001	20S/26E-09Q01 M	336.0	10/01/84 01/28/85 09/30/85	32.5 23.4 32.5	303.5 312.6 303.5	5001
20S/25E-02A01 M	317.0	10/03/84 02/01/85	18.5 16.5	298.5 300.5	5001	20S/26E-10M01 M	338.3	10/01/84 01/28/85 09/30/85	57.6 50.0 56.8	290.7 288.3 281.5	5001
20S/25E-03R01 M	307.0	10/03/84 02/01/85	18.0 17.0	289.0 290.0	5001	20S/26E-10M02 M	344.0	10/01/84 01/28/85 09/30/85	57.8 50.0 58.0	296.2 294.0 286.0	5001
20S/25E-06C01 M	305.0	10/16/84 02/07/85	43.5 40.0	261.5 265.0	5001	20S/26E-11F01 M	349.0	10/01/84 01/28/85 09/30/85	49.0 41.7 53.2	300.0 307.3 295.8	5001
20S/25E-12A01 M	314.0	10/03/84 02/01/85	18.5 17.5	295.5 296.5	5001	20S/26E-11M01 M	356.6	10/01/84 01/28/85 09/30/85	47.7 36.7 46.0	308.9 319.9 310.6	5001
20S/25E-14F01 M	304.5	10/04/84 01/31/85	28.5 22.5	276.0 282.0	5001	20S/26E-11M02 M	350.8	10/01/84 01/28/85 09/30/85	50.2 43.9 56.8	300.6 306.9 294.0	5001
20S/25E-14F02 M	304.5	10/04/84 01/31/85	58.5 53.5	246.0 251.0	5001	20S/26E-12F01 M	364.0	10/01/84 01/28/85 09/30/85	42.0 39.3 44.0	322.0 324.7 320.0	5001
20S/25E-14F04 M	304.0	10/03/84 01/31/85	28.0 25.0	276.0 279.0	5001	20S/26E-12F02 M	360.0	10/01/84 01/28/85 09/30/85	44.3 40.5 45.9	315.7 319.5 314.1	5001
20S/25E-16J02 M	297.0	10/03/84 01/31/85	27.0 18.0	270.0 279.0	5001	20S/26E-12L01 M	364.0	10/01/84 01/28/85 09/30/85	45.9 38.5 47.5	318.1 325.5 316.5	5001
20S/25E-17A02 M	296.0	10/03/84 01/31/85	NM-1 25.0	271.0	5001	20S/26E-12Q01 M	369.0	10/01/84 01/28/85 09/30/85	41.8 39.1 48.0	327.2 329.9 321.0	5001
20S/25E-18D01 M	288.0	10/17/84 02/07/85	47.0 43.5	241.0 244.5	5001	20S/26E-13A01 M	371.5	10/01/84 01/28/85 09/30/85	41.5 39.4 50.5	330.0 332.1 321.0	5001
20S/25E-18M01 M	282.0	10/16/84 02/07/85	46.0 39.0	236.0 243.0	5001	20S/26E-13G01 M	365.0	01/28/85 09/30/85	33.5 45.5	332.5 320.5	5001
20S/25E-19R01 M	282.0	10/03/84 01/31/85	56.5 33.5	225.5 248.5	5001	20S/26E-13K01 M	364.5	10/01/84 01/28/85 09/30/85	38.7 33.0 44.7	325.8 331.5 319.8	5001
20S/25E-21J01 M	294.0	10/03/84 01/31/85	17.5 17.5	276.5 276.5	5001	20S/26E-13P01 M	362.5	10/01/84 01/28/85 09/30/85	37.7 32.3 45.5	324.8 330.2 317.0	5001
20S/25E-23H01 M	307.0	10/03/84 02/01/85	57.5 33.5	249.5 273.5	5001	20S/26E-13P02 M	370.0	10/01/84 01/28/85 09/30/85	30.8 30.3 39.7	339.2 339.7 330.3	5001
20S/25E-24R01 M	313.0	10/03/84 02/01/85	52.5 46.5	260.5 266.5	5001	20S/26E-14B01 M	355.0	10/01/84 01/28/85 09/30/85	46.2 41.5 50.0	308.8 313.5 305.0	5001
20S/25E-28M02 M	293.0	10/03/84 01/31/85	47.0 34.0	246.0 259.0	5001	20S/26E-14D01 M	349.3	10/01/84 01/28/85 09/30/85	49.9 34.8 52.2	299.4 314.5 297.1	5001
20S/25E-29A01 M		10/03/84 01/31/85	NM-1 NM-4		5001	20S/26E-14L01 M	349.0	10/01/84	43.8	305.2	5001
20S/25E-32Q01 M	286.2	10/03/84 01/31/85	23.0 21.0	263.2 265.2	5001						
20S/26E-01B01 M	362.0	10/01/84 01/28/85 09/30/85	25.5 31.5 37.0	336.5 330.5 325.0	5001						
20S/26E-01E01 M	357.0	10/01/84 01/28/85 09/30/85	38.0 39.9 43.0	319.0 317.1 314.0	5001						
20S/26E-01K01 M	364.0	10/01/84 01/28/85 09/30/85	41.3 36.5 41.7	322.7 327.5 322.3	5001						
20S/26E-01L01 M	362.0	10/01/84 01/28/85 09/30/85	39.7 35.7 44.2	322.3 326.3 317.8	5001						
20S/26E-01P01 M	360.0	10/01/84 01/28/85 09/30/85	39.5 32.5 44.5	320.5 327.5 315.5	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHE DELTA HA					C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWAHE DELTA HA				
20S/26E-14L01 M	349.0	01/28/85 09/30/85	38.9 47.3	310.1 301.7	5001	20S/26E-28N01 M	333.0	10/02/84 01/30/85	57.1 49.4	275.9 283.6	5001
20S/26E-14R01 M	355.0	10/01/84 01/28/85 09/30/85	42.3 34.2 46.8	312.7 320.8 308.2	5001	20S/26E-28R01 M	338.5	10/02/84 01/30/85	NM-4 45.2		5001
20S/26E-15H01 M	347.0	10/01/84 01/28/85 09/30/85	54.1 48.2 56.8	292.9 298.8 290.2	5001	20S/26E-29H01 M	330.0	10/02/84 01/30/85	67.5 55.5	262.5 274.5	5001
20S/26E-15L01 M	342.0	10/01/84 01/28/85 09/30/85	60.0 51.7 60.5	282.0 290.3 281.5	5001	20S/26E-29L01 M	327.0	10/02/84 01/30/85	59.9 51.6	267.1 275.4	5001
20S/26E-15R01 M	344.5	10/01/84 01/28/85 09/30/85	50.5 44.8 52.9	294.0 299.7 291.6	5001	20S/26E-29N01 M	325.0	10/02/84 01/30/85	58.5 49.9	266.5 275.1	5001
20S/26E-16A01 M	336.5	10/01/84 01/28/85 09/30/85	65.0 47.8 63.0	271.5 288.7 273.5	5001	20S/26E-30R01 M	323.0	10/02/84 01/30/85	55.2 45.6	267.8 277.4	5001
20S/26E-16R01 M	335.5	01/28/85 09/30/85	56.9 67.0	278.6 268.5	5001	20S/26E-32A01 M	332.5	10/02/84 10/09/84 01/29/85 01/30/85	54.2 53.9 47.6 46.9	278.3 278.6 284.9 285.6	5001
20S/26E-17R01 M	328.8	10/01/84 01/28/85	67.5 58.7	261.3 270.1	5001	20S/26E-32E01 M	325.0	10/02/84 01/30/85	48.3 49.0	276.7 276.0	5001
20S/26E-20J01 M	328.0	10/01/84 01/29/85	67.5 56.5	260.5 271.5	5001	20S/26E-33C01 M	335.0	10/02/84 01/30/85	54.8 47.8	280.2 287.2	5001
20S/26E-21O01 M	332.7	10/02/84 01/28/85	63.1 58.3	269.6 274.4	5001	20S/26E-33K01 M	341.0	10/02/84 01/30/85	40.7 37.2	300.3 303.8	5001
20S/26E-22A01 M	344.0	10/02/84 01/29/85	57.8 50.0	286.2 294.0	5001	20S/26E-33P01 M	339.5	10/02/84 01/30/85	38.0 36.0	301.5 303.5	5001
20S/26E-22C02 M	342.0	10/02/84 01/29/85	57.7 47.7	284.3 294.3	5001	20S/26E-34L01 M	346.0	10/02/84 01/30/85	34.4 34.8	311.6 311.2	5001
20S/26E-22L01 M	340.0	10/02/84 01/29/85	52.5 47.0	287.5 293.0	5001	20S/26E-34Q01 M	350.0	10/02/84 01/30/85	31.7 26.2	318.3 323.8	5001
20S/26E-22O01 M	343.0	10/02/84 01/29/85	44.2 40.4	298.8 302.6	5001	20S/26E-35B01 M	355.0	10/02/84 01/30/85	43.0 25.1	312.0 329.9	5001
20S/26E-23C01 M	348.0	10/02/84 01/29/85	47.1 36.2	300.9 311.8	5001	20S/26E-35H01 M	361.0	10/02/84 01/30/85	14.9 15.2	346.5 345.8	5001
20S/26E-23H01 M	358.0	10/02/84 01/29/85	35.4 31.5	322.6 326.5	5001	20S/26E-35P01 M	359.0	10/02/84 01/30/85	21.6 21.2	337.4 337.8	5001
20S/26E-23N01 M	348.0	10/02/84 01/29/85	39.9 37.2	308.2 310.8	5001	20S/26E-36E01 M	364.0	10/02/84 01/30/85	10.7 13.2	353.3 350.8	5001
20S/26E-23R01 M	355.0	10/02/84 01/29/85	31.5 26.2	323.5 328.8	5001	20S/26E-36L01 M	367.0	10/02/84 01/30/85	10.4 11.8	354.6 355.2	5001
20S/26E-24C01 M	362.0	10/02/84 01/29/85	42.6 35.7	319.4 326.3	5001	20S/27E-06L01 M	368.5	10/02/84 01/30/85	NM-1 35.5		5001
20S/26E-24H01 M	372.0	10/02/84 01/29/85	25.0 25.0	347.0 347.0	5001	20S/27E-08A01 M	399.5	10/03/84 01/29/85	11.9 12.9	387.6 386.6	5001
20S/26E-24J01 M	371.0	10/02/84 01/29/85	22.0 20.3	349.0 350.7	5001	20S/27E-08J01 M	406.0	10/03/84 01/28/85	26.5 17.1	379.5 388.9	5001
20S/26E-24K01 M	365.0	10/02/84 01/29/85	28.0 24.9	337.0 340.1	5001	20S/27E-11C01 M	499.0	01/18/85 09/24/85	19.5 NM-1	479.5	5001
20S/26E-24K02 M	362.5	10/02/84 01/29/85	35.8 30.5	326.7 332.0	5001	20S/27E-15L01 M	441.5	10/05/84 01/28/85	38.3 34.3	403.2 407.2	5001
20S/26E-24K03 M	362.5	10/02/84 01/29/85	77.5 71.4	285.0 291.1	5001	20S/27E-15R01 M	465.0	10/03/84 01/28/85	3.5 3.6	461.5 461.4	5001
20S/26E-25O02 M	356.0	10/02/84 01/29/85	22.5 21.9	333.5 334.1	5001	20S/27E-16A01 M	425.5	10/03/84 01/28/85	24.5 23.0	401.0 402.5	5001
20S/26E-25G01 M	363.0	10/02/84 01/29/85	14.5 13.8	348.5 349.2	5001	20S/27E-18F01 M	381.0	10/03/84 01/31/85	39.1 34.8	341.9 346.2	5001
20S/26E-25H01 M	368.0	10/02/84 01/29/85	12.0 15.0	356.0 353.0	5001	20S/27E-18N01 M	374.0	10/03/84 01/31/85	37.7 26.0	336.3 348.0	5001
20S/26E-25P01 M	363.0	10/02/84 01/29/85	22.0 18.5	341.0 344.5	5001	20S/27E-19R01 M	385.7	10/03/84 01/31/85	26.1 23.2	359.6 362.5	5001
20S/26E-25R01 M	368.8	10/02/84 01/29/85	12.0 11.0	356.8 357.8	5001	20S/27E-19C01 M	378.0	10/03/84 01/31/85	30.0 26.5	348.0 351.9	5001
20S/26E-26E01 M	347.0	10/02/84 01/30/85	33.6 29.8	313.4 317.2	5001	20S/27E-19F02 M	381.0	10/03/84 01/31/85	25.0 20.6	356.0 360.4	5001
20S/26E-26G01 M	353.0	01/30/85	26.6	326.4	5001	20S/27E-19R01 M	388.0	10/03/84 01/31/85	18.0 17.4	372.0 370.6	5001
20S/26E-26R01 M		10/02/84 01/30/85	NM-1 30.0		5001	20S/27E-20E01 M	391.0	10/03/84 01/31/85	24.2 21.0	366.8 370.0	5001
20S/26E-27A01 M	345.0	10/02/84 01/30/85	40.0 37.8	305.0 307.2	5001	20S/27E-21F01 M	414.0	10/03/84 01/28/85	22.1 23.5	391.9 390.5	5001
20S/26E-27O01 M	339.0	10/02/84 01/30/85	48.8 48.5	290.2 290.5	5001	20S/27E-24M01 M	507.0	10/03/84 01/28/85	53.9 50.9	453.1 456.1	5001
20S/26E-27Q01 M	344.3	10/02/84 01/30/85	38.0 36.5	308.3 309.8	5001	20S/27E-25N01 M	475.0	10/03/84 01/29/85	49.1 41.2	429.9 433.8	5001
						20S/27E-27H01 M	455.0	10/05/84 01/29/85	35.9 37.3	419.1 417.7	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA					C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA				
20S/27E-29E01 M	391.3	10/03/84 01/31/85	12.7 13.3	378.6 378.0	5001	21S/23E-10J02 M	228.0	02/25/85	40.0	188.0	5001
20S/27E-29J01 M		10/05/84 01/28/85	NM-2 3.5		5001	21S/23E-11D01 M	229.5	10/03/84 01/31/85	73.5 50.5	156.0 179.0	5001
20S/27E-29R01 M	406.0	10/03/84 01/31/85	11.5 13.5	388.5 386.5	5001	21S/23E-12C01 M	236.0	10/03/84 01/31/85	57.5 51.5	178.5 184.5	5001
20S/27E-30D01 M	400.0	10/03/84 01/31/85	19.3 19.5	393.4 393.2	5001	21S/23E-13A02 M		10/03/84 01/31/85	NM-1 44.0		5001
20S/27E-30H01 M	372.7	10/03/84 01/31/85	11.0 12.8	375.0 373.2	5001	21S/23E-14C01 M	235.0	10/10/84 02/25/85	54.0 55.0	176.0 175.0	5001
20S/27E-30M01 M	386.0	10/03/84 01/31/85	8.7 9.5	361.3 360.5	5001	21S/23E-17M01 M	230.0	10/03/84 01/31/85	21.5 20.5	193.5 194.5	5001
20S/27E-30Q01 M	370.0	10/03/84 01/31/85	8.1 6.5	371.9 373.5	5001	21S/23E-18H01 M	215.0	10/30/84 02/22/85	60.0 57.0(9)	151.0 154.0	9050 5001
20S/27E-31C01 M	380.0	10/03/84 01/31/85	5.5 5.4	370.5 370.6	5001	21S/23E-21C02 M	211.0	10/10/84 02/25/85	23.5 24.5	194.5 193.5	5001
20S/27E-31L01 M	376.0	10/03/84 01/31/85	12.3 11.0	363.7 365.0	5001	21S/23E-21C03 M	218.0	10/10/84 02/25/85	32.5 36.0	185.5 182.0	5001
20S/27E-31O01 M	376.0	10/03/84 01/31/85	99.0 9.9	281.8 370.9	5001	21S/23E-22H01 M	218.0	10/10/84 02/25/85	29.5 28.0	193.5 195.0	5001
20S/27E-32O01 M	380.8	10/03/84 01/31/85	7.1 7.2	377.9 377.8	5001	21S/23E-22J01 M	223.0	10/03/84 02/25/85	30.0 24.0	191.5 197.5	5001
20S/27E-32P02 M	385.0	10/03/84 01/31/85	8.8 7.0	385.2 387.0	5001	21S/24E-01A01 M	221.5	10/03/84 01/31/85	9.9 13.1	259.1 255.9	5001
20S/27E-32R01 M	394.0	10/03/84 01/31/85	11.0 6.6	386.5 390.9	5001	21S/24E-03L01 M	269.0	10/18/84 02/15/85	82.4 47.4	172.0 207.0	5001
20S/27E-33P01 M	397.5	10/03/84 01/31/85	14.0 8.4	390.8 396.4	5001	21S/24E-04F01 M	254.4	10/03/84 01/31/85	68.5 66.5	183.5 185.5	5001
20S/27E-34H01 M	404.8	10/03/84 01/31/85	20.4 18.0	419.6 422.0	5001	21S/24E-05H02 M	252.0	10/15/84 02/25/85	77.2 48.2	171.0 200.0	5001
20S/27E-34L01 M	440.0	10/03/84 01/28/85	NM-1 13.5		50C1	21S/24E-07B01 M	248.2	10/03/84 01/31/85	55.0 49.0	184.5 190.5	5001
20S/27E-36H01 M	419.5	10/03/84 01/31/85	10.7 8.4	488.8 491.1	5001	21S/24E-08A01 M	239.5	10/03/84 01/31/85	NM-1 37.4		5001
20S/28E-18P01 M	499.5	10/03/84 01/28/85	11.0 1.0	629.0 639.0	5001	21S/24E-09C01 M	246.0	10/03/84 01/31/85	71.0 43.0	178.0 206.0	5001
20S/28E-19R01 M	640.0	01/18/85 09/24/85	46.0 48.0	614.0 612.0	5001	21S/24E-18A01 M	249.0	10/03/84 01/31/85	46.0 42.0	194.0 198.0	5001
20S/28E-29E01 M	660.0	01/18/85 09/24/85	5.0 24.0	565.0 546.0	5001	21S/26E-01C01 M	240.0	10/03/84 01/31/85	18.2 18.3	344.5 344.4	5001
20S/28E-29H01 M	570.0	01/18/85 09/24/85	2.0 6.0	617.0 613.0	5001	21S/26E-01P01 M	362.7	10/03/84 01/31/85	17.1	351.4	5001
20S/28E-32J01 M	619.0	01/18/85 09/24/85	13.0 25.0	582.0 570.0	5001	21S/26E-01Q01 M	368.5	01/31/85	27.5 24.4	344.5 347.6	5001
20S/28E-32O01 M	595.0	01/18/85 09/27/85	NM-1 NM-1		5001	21S/26E-01R01 M	372.0	10/04/84 02/01/85	14.8 14.8	360.2 360.2	5001
21S/23E-02A01 M	236.0	10/03/84 01/31/85	46.5 44.5	189.5 191.5	5001	21S/26E-02A01 M	375.0	10/04/84 02/01/85	20.6 20.5	339.4 339.5	5001
21S/23E-02C01 M	239.0	10/10/84 02/25/85	43.5 41.0	191.5 194.0	5001	21S/26E-02F01 M	360.0	10/04/84 02/01/85	20.4 19.9	335.8 336.3	5001
21S/23E-02K01 M	234.2	10/03/84 01/31/85	64.2 52.2	170.0 182.0	5001	21S/26E-02K01 M	356.2	10/04/84 02/01/85	22.3 18.2	337.7 341.8	5001
21S/23E-03D01 M	230.0	10/03/84 01/31/85	46.8 38.8	183.2 191.2	5001	21S/26E-03A01 M	360.0	10/04/84 02/01/85	31.6 16.5	318.4 333.5	5001
21S/23E-03H01 M	228.2	10/15/84 02/25/85	34.0 40.0	194.2 188.2	5001	21S/26E-03C01 M	346.4	10/04/84 02/01/85	27.3 26.8	319.1 319.6	5001
21S/23E-04A01 M	229.0	10/15/84 02/25/85	38.0 40.0	191.0 189.0	5001	21S/26E-11E01 M	362.0	10/04/84 02/01/85	18.0 17.0	344.0 345.0	5001
21S/23E-05A02 M	224.0	10/12/84 02/25/85	33.0 34.0	191.0 190.0	50C1	21S/26E-11H01 M	365.0	10/04/84 02/01/85	13.4 12.6	351.6 352.4	5001
21S/23E-05E02 M	220.5	10/12/84 02/25/85	28.5 29.5	192.0 191.0	5001	21S/26E-12D01 M	367.4	10/04/84 02/01/85	13.7 13.8	353.7 353.6	5001
21S/23E-05R01 M	223.0	10/15/84 02/25/85	31.0 31.5	192.0 191.5	5001	21S/26E-12H01 M		10/04/84 02/01/85	NM-9 10.0		5001
21S/23E-07H01 M	217.5	10/10/84 02/25/85	33.5 28.5	184.0 189.0	5001	21S/27E-02E01 M	428.0	10/04/84 02/01/85	6.5 13.4	421.5 414.6	5001
21S/23E-07J01 M	219.0	10/03/84 01/31/85	34.0 27.0	185.0 192.0	5001	21S/27E-02M01 M		10/04/84 02/01/85	NM-1 19.3		5001
21S/23E-08F02 M	219.5	10/12/84 02/25/85	35.5 31.5	184.0 188.0	5001	21S/27E-03E01 M	426.0	10/04/84 02/01/85	11.4 11.9	399.5 399.1	5001
21S/23E-08R01 M	220.0	10/15/84 02/25/85	31.5 30.0	188.5 190.0	50C1	21S/27E-03K01 M	411.0	10/04/84 02/01/85	10.5 15.1	411.4 406.9	5001
21S/23E-10J02 M	228.0	10/10/84	39.0	189.0	5001	21S/27E-03P01 M	422.0	10/04/84 02/01/85	9.7 10.1	404.3 403.9	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.K	TULARE LAKE HB SOUTH VALLEY FLOOR HU KAWEAH DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
21S/27E-04F01 M	401.0	10/04/84 02/01/85	9.0 9.0	392.0 392.0	5001	21S/23E-35A01 M	227.0	10/18/84 01/30/85	82.8 64.3	144.2 162.7	5001
21S/27E-04G01 M	404.0	10/04/84 02/01/85	13.4 10.6	390.6 393.4	5001	21S/23E-36J01 M	230.0	10/18/84 01/30/85	NM-3 43.8	186.2	5001
21S/27E-04L01 M	402.9	10/03/84 02/01/85	12.6 10.7	390.3 392.2	5001	21S/24E-01L01 M	265.0	10/03/84 01/31/85	77.0 44.0	188.0 221.0	5001
21S/27E-04Q02 M	406.0	10/05/84 02/01/85	5.0 6.0	401.0 400.0	5001	21S/24E-01R01 M	269.0	10/18/84 02/15/85	NM-5 7.5	261.5	5001
21S/27E-05C01 M	388.0	10/05/84 02/01/85	7.4 8.7	380.6 379.3	5001	21S/24E-11D01 M	256.0	10/18/84 01/31/85	NM-9 16.8	239.2	5001
21S/27E-05E01 M	384.0	10/03/84 02/01/85	6.0 6.1	378.0 377.9	5001	21S/24E-13K01 M	263.0	10/18/84 01/31/85	11.3 11.9	251.7 251.1	5001
21S/27E-05H02 M	391.0	10/03/84 02/01/85	7.1 7.6	383.9 383.4	5001	21S/24E-14H01 M	260.5	10/18/84 01/31/85	11.4 13.0	249.1 247.5	5001
21S/27E-05H02 M	384.0	10/03/84 02/01/85	10.1 10.9	373.9 373.1	5001	21S/24E-14HC1 M	255.0	10/19/84 01/31/85	9.0 10.7	246.0 244.3	5001
21S/27E-06F01 M	376.0	10/03/84 02/01/85	NM-4 11.4	364.6	5001	21S/24E-14PC1 M	258.0	10/19/84 01/31/85	9.1 11.0	248.9 247.0	5001
21S/27E-06P01 M	377.0	10/03/84 02/01/85	14.5 14.4	362.5 362.6	5001	21S/24E-14Q01 M	258.0	10/19/84 01/31/85	58.7 38.8	199.3 219.2	5001
21S/27E-06Q01 M	381.0	10/03/84 02/01/85	14.1 13.5	366.9 367.5	5001	21S/24E-15H01 M	253.0	10/19/84 01/31/85	15.2 14.0	237.8 239.0	5001
21S/27E-08A01 M	395.0	10/03/84 02/01/85	7.5 7.7	387.5 387.3	5001	21S/24E-20L01 M	240.0	10/24/84 01/31/85	27.1 28.5	212.9 211.5	5001
21S/27E-08F01 M	369.5	10/03/84 02/01/85	8.8 8.0	380.7 381.5	5001	21S/24E-21J02 M	247.0	10/24/84 01/31/85	17.1 19.3	229.9 227.7	5001
21S/27E-09C01 M	402.0	01/22/85 09/24/85	10.4 14.9	391.6 387.1	5001	21S/24E-26C01 M	255.0	10/19/84 01/31/85	25.6 26.0	229.4 229.0	5001
21S/27E-10R01 M	421.2	10/03/84 02/01/85	14.0 14.2	407.2 407.0	5001	21S/24E-27R01 M	250.5	10/24/84 01/31/85	66.0 51.6	184.5 198.9	5001
21S/27E-10C01 M	415.0	10/03/84 02/01/85	7.5 7.6	407.5 407.4	5001	21S/24E-28H01 M	246.5	10/24/84 01/31/85	26.0 27.8	220.5 218.7	5001
21S/27E-11D01 M	435.0	10/03/84 02/01/85	22.4 21.0	412.6 414.0	5001	21S/24E-29F01 M	238.5	10/24/84 01/31/85	26.7 27.5	211.8 211.0	5001
21S/28E-05H01 M	548.0	01/21/85 09/25/85	3.0 NM-1	545.0	5001	21S/24E-31A01 M		10/24/84 01/31/85	NM-9 NM-9		5001
21S/28E-09R01 M	618.0	01/21/85 09/25/85	7.0 8.0	611.0 610.0	5001	21S/24E-31D01 M	229.0	10/24/84 01/31/85	26.1 27.3	202.9 201.7	5001
21S/28E-09C01 M	614.0	01/21/85 09/25/85	18.5 NM-1	595.5	5001	21S/24E-31D02 M	230.0	10/24/84 01/31/85	44.7 38.3	185.3 191.7	5001
21S/28E-10H01 M	660.0	01/21/85 09/25/85	22.0 NM-1	638.0	5001	21S/24E-31D03 M	230.0	10/24/84 01/31/85	86.2 65.5	143.8 164.5	5001
21S/28E-16R01 M	663.0	01/21/85 09/25/85	78.5 NM-1	584.5	5001	21S/24E-31D04 M	230.0	10/24/84 01/31/85	87.2 66.7	142.8 163.3	5001
21S/28E-16G01 M	670.0	01/21/85 09/25/85	70.0 NM-1	600.0	5001	21S/24E-32A02 M	241.5	10/24/84 01/31/85	45.8 43.1	195.7 198.4	5001
C-01.L	TULE DELTA HA					21S/24E-33J01 M	245.5	10/24/84 01/31/85	54.4 53.0	191.1 192.5	5001
20S/25E-33J01 M	298.0	10/09/84 01/28/85	50.6 35.8	247.4 262.2	5001	21S/24E-35A01 M	256.0	10/24/84 01/31/85	50.2 48.2	205.8 207.8	5001
20S/25E-34R01 M	304.5	10/09/84 01/29/85	26.7 27.1	277.8 277.4	5001	21S/24E-35M01 M		10/24/84 01/31/85	NM-3 NM-9		5001
20S/25E-35G01 M	308.0	10/09/84 01/29/85	40.0 36.6	268.0 271.4	5001	21S/24E-35M02 M	251.0	10/24/84 01/31/85	61.0 60.6	190.0 190.4	5001
20S/25E-36H01 M	317.0	10/09/84 01/29/85	35.7 35.2	281.3 281.8	5001	21S/24E-35M04 M		10/24/84 01/31/85	NM-3 NM-4		5001
20S/26E-31L01 M	321.0	10/09/84 01/29/85	38.6 36.8	282.4 284.2	5001	21S/24E-36A01 M	263.0	10/19/84 01/31/85	46.4 45.5	216.6 217.5	5001
20S/26E-31D01 M	325.5	10/09/84 01/29/85	32.7 31.2	292.8 294.3	5001	21S/25E-01R01 M	314.0	10/09/84 01/29/85	39.5 34.4	274.5 279.6	5001
20S/26E-32N01 M	332.0	10/09/84 01/29/85	33.2 31.7	298.8 300.3	5001	21S/25E-01F01 M	314.0	10/12/84 01/29/85	27.2 26.0	286.8 288.0	5001
21S/23E-24R01 M	231.0	10/24/84 01/31/85	28.0 28.7	203.0 202.3	5001	21S/25E-01H01 M	318.0	10/12/84 01/29/85	36.0 32.4	282.0 285.4	5001
21S/23E-25A01 M	230.5	10/24/84 01/31/85	26.0 25.8	204.5 204.7	5001	21S/25E-03R01 M	301.0	10/09/84 01/28/85	21.9 22.6	279.1 278.4	5001
21S/23E-31R01 M	209.0	10/18/84 01/30/85	16.3 15.8	192.7 193.2	5001	21S/25E-04A02 M	294.0	10/09/84 01/28/85	25.3 25.8	268.7 268.2	5001
21S/23E-32K01 M	210.0	10/18/84 01/30/85	13.0 13.3	197.0 196.7	5001	21S/25E-C5A02 M		10/09/84 02/05/85	NM-2 NM-2		5001
21S/23E-33Q02 M	213.5	10/18/84 01/30/85	13.2 16.2	195.3 197.3	5001	21S/25E-07R03 M		10/09/84 02/05/85	NM-2 NM-2		5001
21S/23E-34Q01 M	217.0	10/18/84 01/30/85	89.6 71.1	127.4 145.9	5001	21S/25E-08H01 M		10/09/84	NM-2		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HA SOUTH VALLEY FLOOR HU TULE DELTA HA				
21S/25E-08H01 M		02/05/85	NM-2		5001	21S/26E-09D01 M	341.5	10/09/84 01/28/85	26.6 24.5	314.9 317.0	5001
21S/25E-09A01 M		10/09/84 02/05/85	NM-2 NM-2		5001	21S/26E-09F01 M	346.0	10/09/84 01/28/85 09/30/85	22.5 19.0 29.7	323.5 327.0 316.3	5001
21S/25E-10R01 M	295.0	10/09/84 01/29/85	30.4 22.8	264.6 272.2	5001	21S/26E-09R01 M	350.0	10/09/84 01/28/85 09/30/85	16.6 15.0 27.5	333.4 335.0 322.5	5001
21S/25E-11C01 M	305.0	10/09/84 01/28/85	43.1 32.7	261.9 272.3	5001	21S/26E-10E01 M	350.0	10/09/84 01/28/85	19.2 18.0	330.8 332.0	5001
21S/25E-13H02 M	320.5	10/09/84 01/29/85	21.2 13.9	299.3 306.6	5001	21S/26E-10R01 M	362.0	10/09/84 01/28/85	20.1 14.9	341.9 347.1	5001
21S/25E-13N01 M	314.0	10/10/84 01/29/85	26.1 23.9	287.9 290.1	5001	21S/26E-11P01 M	366.5	10/04/84 01/31/85	18.1 14.0	348.4 352.5	5001
21S/25E-14A01 M	310.0	10/09/84 01/29/85	14.3 15.6	295.7 294.4	5001	21S/26E-13R01 M	383.0	10/04/84 01/31/85	13.5 11.0	369.5 372.0	5001
21S/25E-14J01 M	310.0	10/09/84 01/29/85	25.0 20.8	285.0 289.2	5001	21S/26E-15R02 M	359.0	10/09/84 01/28/85	20.2 13.6	338.8 345.4	5001
21S/25E-15N01 M	289.0	10/10/84 02/05/85	40.4 26.2	248.6 262.8	5001	21S/26E-15F02 M	358.0	10/09/84 01/28/85	17.3 13.6	340.7 344.4	5001
21S/25E-17A01 M	283.0	10/18/84 02/05/85	54.2 41.1	228.8 241.9	5001	21S/26E-16A01 M	353.0	10/08/84 01/28/85	12.6 13.4	340.4 339.6	5001
21S/25E-19A01 M	274.5	10/18/84 02/05/85	62.3 49.3	212.2 225.2	5001	21S/26E-17N01 M	334.0	10/09/84 01/29/85	23.3 19.6	310.7 314.4	5001
21S/25E-20R01 M		10/18/84 02/05/85	NM-4 NM-4		5001	21S/26E-18G01 M	325.5	10/09/84 01/29/85	18.5 10.3	307.0 315.2	5001
21S/25E-22J01 M	297.5	10/10/84 02/05/85	51.8 42.2	245.7 255.3	5001	21S/26E-19J01 M	336.5	10/10/84 01/29/85	37.2 31.7	299.5 304.8	5001
21S/25E-23R01 M	311.5	10/10/84 02/05/85	51.3 43.6	260.2 267.9	5001	21S/26E-20N01 M	339.0	10/10/84 01/29/85	33.9 30.4	305.1 308.6	5001
21S/25E-25C01 M		10/10/84 02/05/85	NM-2 NM-2		5001	21S/26E-20R01 M	347.5	10/10/84 01/29/85	37.9 31.4	309.6 316.1	5001
21S/25E-26H01 M	305.0	10/18/84 02/05/85	68.8 62.6	236.2 242.4	5001	21S/26E-21C01 M	348.0	10/10/84 01/29/85	25.9 23.3	322.1 324.7	5001
21S/25E-28A01 M	291.0	10/10/84 02/15/85	59.3 45.5	231.7 245.5	5001	21S/26E-22A01 M	367.0	10/10/84 01/29/85	22.4 16.4	344.6 350.6	5001
21S/25E-28R01 M	295.0	10/18/84 02/15/85	69.1 57.1	225.9 237.9	5001	21S/26E-22C01 M	359.0	10/10/84 01/29/85	25.6 21.4	332.4 336.6	5001
21S/25E-29R01 M	284.0	10/18/84 02/15/85	68.7 54.8	215.3 229.2	5001	21S/26E-24R01 M	395.0	10/04/84 01/31/85	18.0 16.0	377.0 379.0	5001
21S/25E-30D02 M	265.0	10/19/84 01/31/85	33.1 30.3	231.9 234.7	5001	21S/26E-26R01 M	386.0	10/04/84 01/31/85	27.3 29.5	358.7 356.5	5001
21S/25E-33R01 M	295.0	10/15/84 02/05/85	83.4 70.4	211.6 224.6	5001	21S/26E-29N01 M	339.5	10/10/84 02/07/85	58.8 55.1	280.7 284.4	5001
21S/25E-34F01 M	299.5	10/15/84 02/05/85	73.8 62.3	225.7 237.2	5001	21S/26E-32A01 M	347.5	10/10/84 02/05/85	48.0 44.1	299.4 303.4	5001
21S/25E-35N01 M	308.0	10/12/84 02/05/85	80.8 76.0	227.2 232.0	5001	21S/26E-35D01 M	374.0	10/10/84 02/05/85	42.1 38.7	331.9 335.3	5001
21S/26E-03001 M	353.0	10/04/84 02/01/85	20.1 21.3	332.9 331.7	5001	21S/27E-09F01 M	402.2	02/01/85	7.8	394.7	5001
21S/26E-04A01 M	340.0	10/04/84 02/01/85	34.2 32.1	305.8 307.9	5001	21S/27E-09G01 M	405.0	10/04/84 10/05/84 01/31/85 02/01/85	11.6 9.0 12.0 10.5	393.4 396.0 393.0 394.5	5001
21S/26E-04F01 M	340.0	10/04/84 02/01/85	30.9 26.0	309.1 314.0	5001	21S/27E-12F01 M	475.0	10/05/84 02/01/85	71.0 43.1	404.0 431.9	5001
21S/26E-04G01 M		10/12/84 01/28/85	NM-9 NM-4		5001	21S/27E-13N01 M	478.0	01/21/85 09/25/85	37.0 56.0	441.0 422.0	5001
21S/26E-04R01 M	347.2	10/04/84 02/01/85	23.3 22.0	323.9 325.2	5001	21S/27E-13P01 M	483.0	01/22/85 09/24/85	42.5 60.7 (2)	440.5 422.3	5001
21S/26E-05P01 M	335.0	10/08/84 01/28/85	29.3 28.0	305.7 307.0	5001	21S/27E-17R01 M	405.0	10/04/84 01/22/85 01/31/85 09/24/85	8.8 7.8 10.5 9.1	396.5 397.2 394.9 395.9	5001
21S/26E-06A01 M	326.0	10/09/84 01/29/85	33.3 32.0	292.7 294.0	5001	21S/27E-18R02 M	395.0	10/04/84 01/31/85	9.5 9.5	385.5 385.5	5001
21S/26E-06R01 M	328.0	10/09/84 01/29/85	53.8 48.3	274.2 279.7	5001	21S/27E-20N01 M		10/04/84 01/31/85	NM-9 NM-0		5001
21S/26E-07A01 M	330.0	10/09/84 01/29/85	31.9 29.2	298.1 300.8	5001	21S/27E-20001 M	408.0	10/04/84 01/31/85	11.0 9.5	397.0 398.4	5001
21S/26E-08A01 M	338.0	10/09/84 01/28/85	30.9 28.5	307.1 309.5	5001	21S/27E-21R01 M	413.0	01/22/85 09/24/85	12.3 17.2	400.7 395.8	5001
21S/26E-08P01 M	337.0	10/09/84 01/29/85 09/30/85	17.9 9.4 23.7	319.1 327.6 313.3	5001	21S/27E-22R02 M	430.5	01/21/85 09/25/85	32.5 36.5	398.0 394.0	5001
21S/26E-08R01 M	340.0	10/09/84 01/29/85 09/30/85	18.5 15.5 27.9	321.5 324.5 312.1	5001	21S/27E-22R04 M	434.0	10/15/84 01/15/85	120.0 84.0	314.0 350.0	3044 5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
21S/27E-24L02 M	452.0	01/22/85 09/24/85	11.3 16.4	440.7 435.6	50C1	22S/24E-03A01 M		01/31/85	NM-3		5001
21S/27E-24R01 M	462.0	01/21/85 09/25/85	37.0 55.0	425.0 407.0	5001	22S/24E-03R01 M	252.0	10/25/84 01/31/85	NM-7 90.6	161.4	5001
21S/27E-25B01 M	461.0	01/21/85 09/25/85	56.0 NM-1	403.0	5001	22S/24E-04A02 M	246.0	10/25/84 01/31/85	66.9 63.8	179.1 182.2	5001
21S/27E-25M05 M	460.0	10/15/84 01/16/85	74.0 56.4	386.0 403.6	3044 5001	22S/24E-06A03 M		10/25/84 01/31/85	NM-3 NM-3		5001
21S/27E-28F01 M		01/22/85 09/24/85	NM-9 20.7		5001	22S/24E-07A01 M	231.0	10/25/84 01/31/85	76.3 71.3	154.7 159.7	5001
21S/27E-29C01 M	407.0	01/22/85 09/24/85	10.3 13.6	396.7 393.4	5001	22S/24E-09A01 M	244.0	10/25/84 01/31/85	NM-7 98.7		5001
21S/27E-31J01 M	409.0	01/22/85 09/24/85	27.7 40.5	381.3 368.5	5001	22S/24E-09R01 M	245.0	10/25/84 01/31/85	120.6 113.3	124.4 131.7	5001
21S/27E-32R02 M	422.0	10/04/84 01/31/85	22.9 22.5	399.1 399.5	5001	22S/24E-11A04 M	262.0	10/25/84 01/31/85	97.0 91.7	165.0 170.3	5001
21S/27E-33B01 M	427.0	10/04/84 01/31/85	21.0 21.0	406.0 406.0	5001	22S/24E-12H01 M	269.0	10/25/84 01/31/85	83.6 82.1	185.4 186.9	5001
21S/27E-33B03 M	426.0	01/22/85 09/24/85	17.3 21.4	408.7 404.6	5001	22S/24E-14R01 M	256.0	10/25/84 01/31/85	121.7 116.4	134.3 139.6	5001
21S/27E-34J01 M	441.5	10/04/84 01/22/85 01/31/85 09/24/85	24.0 23.8 23.5 24.8	417.5 417.7 418.0 416.7	50C1	22S/24E-15A01 M	251.5	10/25/84 01/31/85	124.8 119.2	126.7 132.3	5001
21S/27E-36F01 M	460.0	10/15/84 01/16/85	NM-8 58.4		3044 5001	22S/24E-17A01 M	236.5	10/25/84 01/31/85	117.1 107.9	119.4 126.6	5001
21S/28E-19K02 M	610.0	01/22/85 09/24/85	82.1 83.5	527.9 526.5	5001	22S/24E-18R01 M	229.0	10/25/84 01/30/85	118.6 105.6	110.4 123.4	5001
21S/28E-29N01 M	517.0	01/21/85 09/25/85	32.5 36.5	484.5 480.5	5001	22S/24E-23J01 M	252.0	10/09/84 02/01/85 09/23/85	137.0 117.0 129.0	115.0 135.0 123.0	5001
21S/28E-30Q01 M	490.0	01/22/85 09/24/85	21.4 26.7	468.6 463.3	5001	22S/24E-26C02 M	247.0	10/09/84 02/01/85 09/23/85	141.0 131.0 148.0	106.0 116.0 99.0	5001
21S/28E-31Q01 M	460.0	01/22/85 09/24/85	15.6 15.5	444.4 444.5	5001	22S/24E-27A01 M	245.0	10/09/84 02/15/85 09/23/85	143.0 130.0 NM-1	102.0 115.0	5001
21S/28E-32J02 M	495.0	10/15/84 01/16/85	18.0 24.5	477.0 470.5	3044 5001	22S/24E-33A03 M		10/09/84 02/01/85 09/23/85	NM-4 NM-3 NM-1		5001
21S/28E-33C01 M	540.0	01/22/85 09/24/85	9.9 11.4	530.1 528.6	5001	22S/24E-34R01 M	238.0	10/09/84 02/15/85 09/23/85	140.0 133.0 144.0	98.0 105.0 94.0	5001
22S/23E-01F01 M	225.0	10/18/84 01/30/85	45.4 42.2	179.6 182.8	5001	22S/24E-35H01 M	246.0	10/09/84 02/01/85 09/23/85	147.0 133.0 NM-3	99.0 113.0	5001
22S/23E-02D01 M	218.5	10/18/84 01/30/85	19.0 18.1	199.5 200.4	5001	22S/24E-36J01 M	255.0	10/09/84 02/01/85 09/23/85	148.5 119.5 177.5	106.5 135.5 77.5	5001
22S/23E-05G01 M	205.0	10/18/84 01/30/85	15.4 15.3	189.6 189.7	5001	22S/25E-01F01 M	321.0	10/12/84 02/05/85	92.8 80.7	228.2 240.3	5001
22S/23E-06B02 M	206.0	10/18/84 01/30/85	10.7 11.5	195.3 194.5	5001	22S/25E-05R01 M	285.0	10/18/84 02/05/85	100.2 87.5	184.8 197.5	5001
22S/23E-07R01 M	200.5	10/24/84 01/30/85	10.0 9.6	190.5 190.9	5001	22S/25E-08N01 M	276.0	10/18/84 02/05/85	78.4 70.3	197.6 205.7	5001
22S/23E-08A01 M	208.0	10/24/84 01/30/85	28.5 25.1	179.5 182.9	5001	22S/25E-09D02 M	287.5	10/18/84 02/05/85	101.8 87.7	185.7 199.8	5001
22S/23E-09A01 M	210.5	10/24/84 01/30/85	19.6 19.1	190.9 191.4	50C1	22S/25E-10E01 M	296.0	10/15/84 02/05/85	78.9 78.0	217.1 218.0	5001
22S/23E-12A01 M	225.5	10/18/84 01/30/85	68.2 61.7	157.3 163.8	5001	22S/25E-12A02 M	323.0	10/15/84 02/05/85	98.0 90.6	225.0 232.4	5001
22S/23E-13R01 M	222.5	10/25/84 01/30/85	99.8 89.4	122.7 133.1	5001	22S/25E-13A01 M	322.0	10/15/84 02/05/85	125.7 105.5	196.3 218.5	5001
22S/23E-15K01 M	208.0	10/24/84 01/30/85	51.7 46.2	156.3 161.8	5001	22S/25E-14A01 M	310.0	10/15/84 02/05/85	101.1 100.0	208.9 210.0	5001
22S/23E-16C01 M	205.0	10/18/84 01/30/85	29.8 24.7	175.2 180.3	5001	22S/25E-15A01 M	303.0	10/15/84 02/05/85	119.6 103.9	183.4 199.1	5001
22S/23E-18A01 M	200.0	10/24/84 01/30/85	11.9 11.3	188.1 188.7	5001	22S/25E-15R01 M	297.5	10/15/84 02/05/85	115.4 107.3	152.1 190.2	5001
22S/23E-31A01 M	196.0	10/30/84 02/22/85	15.0 13.5	181.0 182.5	5050 5001	22S/25E-18D01 M	271.5	10/18/84 01/31/85	119.7 104.1	151.8 167.4	5001
22S/23E-33A05 M		10/09/84 02/01/85 09/27/85	NM-4 NM-9 NM-7		50C1	22S/25E-19A03 M	270.0	10/09/84 02/01/85 09/23/85	105.0 99.0 107.0	165.0 171.0 163.0	5001
22S/24E-01A01 M	266.0	10/24/84 01/31/85	63.7 62.3	202.3 203.7	5001	22S/25E-21H01 M	286.0	10/09/84 02/15/85 09/24/85	111.5 102.5 119.5	174.5 183.5 166.5	5001
22S/24E-01Q01 M	268.5	10/18/84 01/31/85	107.5 91.7	161.0 176.8	5001						
22S/24E-02J02 M	258.5	10/25/84 01/31/85	81.0 78.9	177.5 179.6	50C1						
22S/24E-03A01 M		10/25/84	NM-3		5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
22S/25E-22E01 M	287.0	10/09/84 02/15/85 09/24/85	112.0 108.0 112.0	175.0 179.0 175.0	5001	22S/26E-16C01 M	352.0	10/01/84 01/30/85	99.1 95.5	252.9 256.5	5001
22S/25E-24R01 M		10/09/84 02/15/85 09/24/85	NM-3 NM-3 NM-1		5001	22S/26E-17C01 M		10/01/84 01/30/85	NM-4 NM-0		5001
22S/25E-25N01 M	310.0	10/09/84 02/15/85 09/24/85	182.0(2) 176.0 NM-9	128.0 134.0	5001	22S/26E-18A01 M	331.5	10/15/84 02/01/85	112.8 102.1	218.7 229.4	5001
22S/25E-25N03 M		10/09/84 02/15/85 09/24/85	NM-4 NM-4 NM-1		5001	22S/26E-19H01 M	329.8	10/09/84 02/15/85 09/24/85	156.5 130.5 151.5	173.3 199.3 178.3	5001
22S/25E-26D01 M		10/09/84 02/15/85 09/24/85	NM-3 NM-3 NM-3		5001	22S/26E-24A01 M	402.0	10/01/84 01/30/85	97.6 74.0	304.4 328.0	5001
22S/25E-28Q02 M	277.0	10/09/84 02/15/85 09/24/85	134.0 130.0 137.0	143.0 147.0 140.0	5001	22S/26E-25J01 M	406.0	10/01/84 01/31/85	52.0 62.5	354.0 343.5	5001
22S/25E-28Q03 M	277.0	10/09/84 02/15/85 09/24/85	135.0 130.0 137.0	142.0 147.0 140.0	5001	22S/26E-26A01 M	387.0	10/01/84 01/30/85	107.5 105.5	279.5 291.5	5001
22S/25E-29E01 M	267.0	10/09/84 02/01/85 09/23/85	141.0 128.0 151.0	126.0 139.0 116.0	5001	22S/26E-29A01 M	346.0	10/03/84 01/31/85	144.5 125.5	201.5 220.5	5001
22S/25E-33P01 M		10/09/84 02/15/85 09/24/85	NM-2 NM-2 NM-2		5001	22S/26E-33H01 M	359.0	10/03/84 01/31/85	137.5 133.0	221.5 226.0	5001
22S/25E-36H01 M	322.0	10/09/84 02/15/85 09/24/85	175.0 151.0 NM-1	147.0 171.0	5001	22S/26E-34H01 M	375.0	10/03/84 01/31/85	96.5 95.0	278.5 280.0	5001
22S/26E-01J01 M	395.0	10/04/84 01/31/85	54.2 43.5	340.8 351.5	5001	22S/26E-34R01 M	376.0	10/03/84 01/31/85	116.0 114.5	260.0 261.5	5001
22S/26E-03H02 M	372.0	10/15/84 02/01/85	49.4 47.8	322.6 324.2	5001	22S/26E-35A01 M	390.0	10/03/84 01/31/85	72.0 72.0	318.0 318.0	5001
22S/26E-04J01 M	360.0	10/15/84 02/01/85	67.1 64.4	292.9 295.6	5001	22S/27E-01R01 M	490.0	01/21/85 09/25/85	101.0 NM-1	389.0	5001
22S/26E-05C02 M	345.0	10/15/84 02/01/85	85.8 69.0	259.2 276.0	5001	22S/27E-02R02 M	447.0	10/15/84 01/16/85	161.0 47.1	286.0 399.9	3044 5001
22S/26E-05P01 M	342.5	10/12/84 02/01/85	85.9 80.6	256.6 261.9	5001	22S/27E-04A01 M	432.0	10/04/84 01/22/85 01/31/85 09/24/85	21.0 21.9 22.0 23.1	411.0 410.1 410.0 408.9	5001
22S/26E-06A01 M	337.0	10/01/84 01/30/85	75.1 69.5	261.9 267.5	5001	22S/27E-07A01 M	414.0	01/22/85 09/24/85	83.3 117.0	330.7 297.0	5001
22S/26E-07A01 M	335.0	10/15/84 02/01/85	94.3 87.6	240.7 247.4	5001	22S/27E-10R01 M	466.8	01/22/85 09/24/85	106.1 97.0	360.7 369.8	5001
22S/26E-07J01 M	336.0	10/01/84 01/30/85	101.0 90.5	235.0 245.5	5001	22S/27E-12R02 M	500.0	01/22/85 09/24/85	137.8 136.2	362.2 363.8	5001
22S/26E-07O01 M	327.0	10/01/84 01/30/85	106.6 101.5	220.4 225.5	5001	22S/27E-13A01 M	496.0	01/21/85 09/25/85	142.0 NM-1	354.0	5001
22S/26E-08C01 M	340.0	10/01/84 01/30/85	75.6 67.5	264.4 272.5	5001	22S/27E-13C01 M	495.0	01/21/85 09/25/85	119.0 127.0	376.0 368.0	5001
22S/26E-09R01 M	354.0	10/01/84 01/30/85	76.0 72.0	279.0 282.0	5001	22S/27E-14A01 M	483.0	01/21/85 09/25/85	123.0 NM-1	360.0	5001
22S/26E-09J02 M	361.0	10/15/84 02/01/85	92.3 78.4	278.7 282.6	5001	22S/27E-14R01 M	490.0	01/22/85 09/25/85	119.0 148.0	371.0 342.0	5001
22S/26E-10J01 M	373.0	10/15/84 02/01/85	77.3 73.1	295.7 299.9	5001	22S/27E-15L01 M	455.5	01/22/85 09/24/85	130.4 168.1	325.1 287.4	5001
22S/26E-11A01 M		10/15/84 02/01/85	NM-2 NM-2		5001	22S/27E-16P01 M		01/22/85 09/26/85	NM-4 NM-3		5001
22S/26E-11D01 M	371.0	10/15/84 02/01/85	56.3 53.2	314.7 317.8	5001	22S/27E-17A03 M	428.0	01/22/85 09/24/85	116.5 122.3	311.5 305.7	5001
22S/26E-12A01 M	395.0	10/15/84 02/01/85	55.2 47.2	339.8 347.8	5001	22S/27E-20P02 M	430.0	01/22/85 09/26/85	230.0 368.0	200.0 62.0	5001
22S/26E-12B01 M	389.0	10/01/84 01/30/85	53.0 52.5	336.0 336.5	5001	22S/27E-24R02 M	509.0	01/21/85 09/25/85	116.0 NM-1	393.0	5001
22S/26E-13A01 M	399.0	10/01/84 01/30/85	87.5 74.1	311.5 324.9	5001	22S/27E-24C01 M	500.0	01/22/85 09/25/85	111.0 NM-1	389.0	5001
22S/26E-13C01 M	391.0	10/01/84 01/30/85	82.5 73.5	308.5 317.5	5001	22S/27E-25J03 M	532.0	10/03/84 01/25/85 09/26/85	94.0 84.0 87.0	438.0 448.0 445.0	5001
22S/26E-13J01 M		10/01/84 01/30/85	NM-1 72.5		5001	22S/27E-26J01 M	508.0	10/03/84 01/25/85 09/26/85	179.0 132.0 NM-1	329.0 376.0	5001
22S/26E-13R01 M	400.0	10/03/84 01/30/85	89.0 91.0	311.0 309.0	5001	22S/27E-28C01 M		01/22/85 09/25/85	NM-4 NM-1		5001
22S/26E-14A01 M	386.0	10/15/84 02/01/85	85.0 77.0	301.0 309.0	5001	22S/27E-30R01 M	407.5	10/01/84 01/31/85	31.1 32.0	376.4 375.5	5001
22S/26E-15J01 M		10/03/84 02/01/85	NM-1 90.5		5001	22S/27E-31R01 M	413.5	01/22/85 09/25/85	69.5 88.5	344.0 325.0	5001
	371.0			280.5		22S/27E-32F01 M	427.0	01/22/85 09/25/85	158.0 160.0	269.0 267.0	5001
						22S/27E-33P01 M	450.0	01/22/85 09/25/85	249.5 270.5	200.5 179.5	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
22S/27E-34001 M		10/03/84 01/25/85 09/26/85	NM-2 NM-1 NM-1		5001	23S/24E-35A02 M	235.0	10/02/84 01/25/85 09/25/85	163.0 112.0 181.0	72.0 123.0 54.0	5001
22S/27E-36801 M		10/03/84 01/25/85 09/26/85	NM-1 NM-4 NM-9		5001	23S/24E-36A02 M	247.0	10/02/84 01/25/85 09/27/85	157.5 104.5 180.5	89.5 142.5 66.5	5001
22S/27E-36N01 M	513.0	10/03/84 01/25/85 09/26/85	277.0 290.0 267.0	236.0 223.0 246.0	5001	23S/25E-02C01 M		10/09/84 02/12/85 09/27/85	NM-4 NM-4 NM-4		5001
22S/28E-03A01 M	560.0	01/22/85 09/24/85 09/25/85	38.3 45.9 44.0	521.7 514.1 516.0	5001	23S/25E-03K01 M	290.0	10/09/84 02/15/85 09/24/85	168.5 128.5 187.5	121.5 161.5 102.5	5001
22S/28E-03H01 M	563.0	01/22/85 09/25/85	40.0 43.0	523.0 520.0	5001	23S/25E-05H01 M	272.0	10/09/84 02/15/85 09/24/85	157.5 124.5 NM-9	114.5 147.5	5001
22S/28E-04J01 M	583.0	01/22/85 09/25/85	79.5 155.5	503.5 427.5	5001	23S/25E-06C01 M	256.0	10/09/84 02/01/85 09/23/85	148.0 118.0 180.0	108.0 138.0 76.0	5001
22S/28E-04Q01 M	580.0	01/22/85 09/24/85	50.1 68.1	529.9 511.9	5001	23S/25E-09F02 M		10/09/84 02/12/85 09/24/85	NM-3 NM-3 NM-3		5001
22S/28E-05K02 M	543.0	01/22/85 09/24/85	61.7 NM-1	481.3	5001	23S/25E-09Q02 M	278.0	10/09/84 02/12/85 09/24/85	159.5 114.5 178.5	118.5 163.5 99.5	5001
22S/28E-05L01 M	530.0	01/21/85 09/25/85	82.0 86.0	448.0 444.0	5001	23S/25E-09Q03 M	278.0	10/09/84 02/12/85 09/24/85	154.5 131.5 166.5	123.5 146.5 111.5	5001
22S/28E-07Q01 M	525.0	01/21/85 09/25/85	118.0 119.0	407.0 406.0	5001	23S/25E-10F01 M	288.0	10/09/84 02/12/85 09/24/85	159.0 119.0 182.0	129.0 169.0 106.0	5001
22S/28E-11M01 M	690.0	01/21/85 09/25/85	8.5 15.5	681.5 674.5	5001	23S/25E-15J02 M	291.0	10/09/84 02/12/85 09/24/85	144.0 126.0 158.0	147.0 165.0 133.0	5001
22S/28E-12M01 M	830.0	01/21/85 09/25/85	10.5 NM-1	819.5	5001	23S/25E-17J01 M		10/09/84 02/11/85 09/27/85	NM-7 NM-2 NM-2		5001
22S/28E-16Q01 M	574.5	01/21/85 09/25/85	34.5 65.5	540.0 509.0	5001	23S/25E-19Q01 M	251.0	10/09/84 02/11/85 09/27/85	96.0 83.0 107.0	155.0 168.0 144.0	5001
22S/28E-18A01 M		01/21/85 09/25/85	DRY NM-7		5001	23S/25E-20M01 M		10/09/84 02/11/85 09/27/85	NM-4 NM-4 NM-4		5001
22S/28E-31F01 M	560.0	10/03/84 01/25/85 09/26/85	115.0 114.0 126.0	445.0 446.0 434.0	5001	23S/25E-24H01 M		10/09/84 02/11/85 09/27/85	NM-4 NM-9 NM-4		5001
23S/23E-02A01 M	211.5	10/09/84 02/11/85 09/27/85	108.5 NM-1 136.5	103.0 75.0	5001	23S/25E-26K01 M	302.0	10/02/84 01/28/85	141.0 107.0	161.0 195.0	5001
23S/23E-03C05 M	197.0	10/02/84 01/25/85 09/25/85	118.5 112.5 135.5	78.5 84.5 61.5	5001	23S/25E-28F01 M	271.0	10/02/84 01/29/85	62.0 53.0	209.0 218.0	5001
23S/23E-33A01 M	210.0	10/02/84 01/25/85 09/25/85	7.5 15.5 10.5	202.5 194.5 199.5	5001	23S/25E-30R01 M	253.0	10/09/84 02/11/85 09/27/85	67.0 61.0 73.0	186.0 192.0 180.0	5001
23S/23E-33A02 M	210.0	10/02/84 01/25/85 09/25/85	72.5 7.5 58.5	137.5 202.5 151.5	5001	23S/25E-30H02 M	255.0	10/09/84 02/11/85 09/27/85	73.0 NM-4 86.0	182.0 169.0	5001
23S/24E-07G01 M	212.5	10/09/84 02/11/85 09/27/85	69.5 69.5 67.5	143.0 143.0 145.0	5001	23S/25E-32H01 M	272.0	10/02/84 01/28/85	118.5 98.5	153.5 173.5	5001
23S/24E-10A01 M		10/09/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001	23S/25E-34G02 M	293.0	10/02/84 01/29/85	74.5 72.5	218.5 220.5	5001
23S/24E-11A02 M		10/09/84 02/11/85 09/27/85	NM-3 NM-4 NM-4		5001	23S/25E-35G01 M	311.0	10/02/84 01/29/85	119.0 99.0	192.0 212.0	5001
23S/24E-12P02 M	248.5	10/09/84 02/11/85 09/27/85	149.5 115.5 180.5	99.0 133.0 68.0	5001	23S/25E-36H01 M	330.5	10/05/84 01/29/85	149.0 NM-1	181.5	5001
23S/24E-14H01 M		10/09/84 02/15/85 09/27/85	NM-1 NM-4 NM-4		5001	23S/26E-01J01 M		02/22/85	NM-9		5050
23S/24E-16J01 M	223.0	10/09/84 02/15/85 09/27/85	50.0 43.0 43.0	173.0 180.0 180.0	5001	23S/26E-05G01 M	342.0	10/01/84 01/31/85	124.0 130.0	218.0 212.0	5001
23S/24E-16R01 M	222.0	10/09/84 02/15/85 09/27/85	112.5 102.5 118.5	109.5 119.5 103.5	5001	23S/26E-09C01 M	350.0	10/01/84 01/31/85	134.0 125.5	216.0 224.5	5001
23S/24E-16R03 M	222.0	10/09/84 02/15/85 09/27/85	92.0 90.0 90.0	130.0 132.0 132.0	5001	23S/26E-10H01 M	385.0	10/01/84 01/31/85	147.5 152.0	237.5 233.0	5001
23S/24E-16R04 M	222.0	10/09/84 02/15/85 09/27/85	126.0 100.0 140.0	96.0 122.0 82.0	5001	23S/26E-12J01 M	419.0	10/02/84 01/22/85 09/27/85	161.0 174.0 177.0	258.0 245.0 242.0	5001
23S/24E-28A01 M		10/09/84 02/15/85 09/27/85	NM-7 NM-3 67.0		5001	23S/26E-15P01 M	389.0	10/05/84 01/29/85	NM-1 160.0		5001
23S/24E-28J02 M	219.0	10/09/84 02/11/85 09/27/85	87.0 77.0 94.0	132.0 142.0 125.0	5001	23S/26E-16J01 M	375.0	10/05/84 01/28/85	210.0 162.0	165.0 213.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
23S/26E-19R01 M	339.0	10/02/84 01/28/85	169.0 133.0	170.0 206.0	50C1	24S/23E-15R01 M	209.0	10/31/84 02/22/85	197.0(9) NM-1	12.0	5050 5001
23S/26E-22R01 M	403.5	10/02/84 01/28/85	158.0 142.0	245.5 261.5	5001	24S/23E-22E01 M	205.0	10/03/84 01/25/85 09/23/85	91.5 75.5 76.5	113.5 129.5 128.5	5001
23S/26E-23H01 M		10/01/84 02/13/85	NM-1 NM-4		5001	24S/23E-22R02 M	209.0	10/31/84 02/22/85	203.0(9) NM-1	6.0	5050 5001
23S/26E-23J01 M	423.0	10/01/84 10/02/84 01/29/85 02/13/85	NM-1 309.0 226.0 NM-4	114.0 197.0	5001	24S/23E-31H01 M	211.0	10/31/84 02/22/85	210.0(9) 172.0(9)	1.0 39.0	5050 5001
23S/26E-25H01 M	455.0	01/22/85 09/26/85	314.0 354.0	141.0 101.0	5001	24S/24E-03A01 M	222.0	10/31/84 02/22/85	NM-9 124.0(9)		5001
23S/26E-25L01 M	445.0	10/01/84 02/13/85	NM-1 275.0(9)	170.0	5001	24S/24E-04E02 M	206.0	10/31/84 02/22/85	157.0(9) 134.0(9)	49.0 72.0	5050 5001
23S/26E-25O01 M		10/01/84 02/13/85	NM-1 NM-7		5001	24S/24E-04R01 M	212.0	10/31/84 02/22/85	NM-4 126.0(9)	86.0	5001
23S/26E-27E01 M	385.5	10/02/84 01/29/85	125.5 117.5	260.0 268.0	5001	24S/24E-12H01 M	244.0	10/03/84 01/25/85 09/23/85	NM-1 46.0 52.0	198.0 192.0	5001
23S/26E-29P01 M	356.5	10/05/84 01/31/85	140.5 125.5	216.0 231.0	5001	24S/24E-14J01 M	233.0	10/02/84 01/25/85 09/23/85	67.0 47.0 42.0	166.0 166.0 191.0	5001
23S/26E-30K01 M	336.0	10/05/84 02/01/85	NM-1 123.0	215.0	5001	24S/24E-20A01 M	213.0	10/03/84 01/25/85 09/23/85	122.0 95.0 120.0	91.0 118.0 93.0	5001
23S/26E-31H01 M	348.0	10/02/84 01/29/85	171.0 138.0	177.0 210.0	5001	24S/24E-20A02 M	213.0	10/31/84 02/22/85	150.0(9) 147.0(9)	63.0 66.0	5050 5001
23S/26E-32J01 M	371.0	10/02/84 01/29/85	NM-1 126.0	245.0	5001	24S/24E-20R01 M	218.0	10/03/84 01/25/85 09/23/85	223.0 160.0 198.0	-5.0 58.0 20.0	5001
23S/26E-33J01 M	394.0	10/03/84 01/29/85	147.0 131.0	247.0 263.0	5001	24S/24E-21G01 M	219.0	10/31/84 02/22/85	187.0(9) NM-1	32.0	5050 5001
23S/26E-34O01 M	408.0	10/03/84 01/28/85	153.0 143.0	255.0 265.0	5001	24S/24E-22R01 M	233.0	10/03/84 01/25/85 09/23/85	NM-2 72.5 170.5	160.5 62.5	5001
23S/26E-35H01 M	436.0	10/01/84 10/03/84 01/28/85 02/13/85	324.0(9) NM-1 NM-9 203.0(9)	112.0 233.0	5001	24S/24E-25F01 M	249.0	10/02/84 01/25/85 09/23/85	111.0 90.0 79.0	138.0 159.0 170.0	5001
23S/26E-36A01 M	456.0	10/01/84 02/13/85	328.0(9) NM-4	128.0	5001	24S/24E-25J01 M	249.0	10/31/84 02/22/85	62.0 NM-9	187.0	5050 5001
23S/26E-36J02 M	460.0	10/01/84 02/13/85	NM-1 314.0(9)	146.0	5001	24S/24E-32K02 M	225.0	10/03/84 01/25/85 09/23/85	112.5 93.5 112.5	112.5 141.5 112.5	5001
23S/27E-09G01 M	479.0	01/22/85 09/26/85	198.5 247.5	280.5 231.5	5001	24S/24E-34F01 M	232.0	10/03/84 01/25/85 09/23/85	70.0 57.0 69.0	162.0 175.0 163.0	5001
23S/27E-09J02 M	494.0	01/23/85 09/26/85	226.5 224.5	267.5 269.5	5001	24S/25E-03C01 M	295.0	10/03/84 01/29/85	84.0 82.0	211.0 213.0	5001
23S/27E-15H01 M	502.0	01/23/85 09/27/85	334.0 314.0	168.0 188.0	5001	24S/25E-04F01 M	280.0	10/03/84 01/29/85	91.5 82.5	188.5 197.5	5001
23S/27E-16K01 M	500.0	01/23/85 09/27/85	332.0 NM-2	168.0	5001	24S/25E-05H01 M	272.0	10/02/84 01/25/85 09/23/85	103.2 91.5 157.5	168.8 180.5 114.5	5001
23S/27E-25E02 M	593.0	01/23/85 09/27/85	456.5 463.5	136.5 129.5	5001	24S/25E-08F01 M		10/31/84 02/22/85	NM-4 NM-1		5001
23S/27E-27G01 M		02/22/85	NM-7		5050	24S/25E-09E01 M	278.0	10/03/84 01/30/85	89.0 81.0	189.0 197.0	5001
23S/27E-28L01 M	520.0	01/23/85 09/27/85	497.5 NM-9	22.5	5001	24S/25E-10A01 M	304.0	10/04/84 01/29/85	103.5 88.5	200.5 215.5	5001
23S/27E-29F01 M	494.0	01/23/85 09/26/85	176.5 434.5	317.5 59.5	5001	24S/25E-11A01 M	324.0	10/04/84 01/30/85	107.0 101.0	217.0 223.0	5001
23S/27E-31B01 M	481.0	10/01/84 02/13/85	443.0(9) 355.0(9)	38.0 126.0	5001	24S/25E-11R01 M	324.0	10/04/84 01/30/85	127.0 106.0	197.0 218.0	5001
23S/27E-31E01 M	468.0	10/01/84 02/13/85	NM-7 339.0(9)	129.0	5001	24S/25E-13D02 M	328.0	10/01/84 02/13/85	NM-7 136.0(9)	192.0	5001
23S/27E-32C01 M	498.0	10/01/84 02/13/85	457.0(9) NM-7	41.0	5001	24S/25E-13F01 M	333.0	10/01/84 02/13/85	152.0(9) 130.0(9)	181.0 203.0	5001
23S/27E-32C02 M	500.0	10/01/84 02/13/85	NM-7 368.0(9)	132.0	5001	24S/25E-14C01 M	313.0	10/04/84 01/29/85	142.0 103.0	171.0 210.0	5001
23S/27E-32K02 M	505.0	01/23/85 09/26/85	109.0 175.0	394.0 330.0	5001	24S/25E-15C02 M	295.0	10/04/84 01/29/85	NM-1 64.0	231.0	5001
23S/27E-33B01 M	527.0	10/01/84 02/13/85	492.5(9) 420.5(9)	34.5 106.5	5001	24S/25E-16R01 M	285.0	10/04/84 01/30/85	72.0 68.0	213.0 217.0	5001
23S/27E-34E01 M		10/01/84 02/13/85	NM-1 NM-4		5001	24S/25E-17P01 M	267.5	10/02/84 01/25/85 09/23/85	72.0 61.0 72.0	195.5 206.5 195.5	5001
23S/27E-34F01 M		10/01/84 02/13/85	NM-1 NM-7		50C1	24S/25E-20N01 M	267.5	10/02/84 01/25/85	52.5 46.5	215.0 221.0	5001
24S/23E-05R02 M	210.0	10/03/84 01/23/85 09/26/85	201.0 NM-3 235.0	9.0	5001						

TABLE D (CONTINUED)											
GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA				
24S/25E-20N01 M	267.5	09/23/85	56.5	211.0	50C1	24S/26E-12H01 M	455.0	10/01/84 01/31/85	379.0 309.0(9)	76.0 146.0	5050
24S/25E-20R01 M	279.0	10/02/84 01/25/85 09/23/85	54.0 49.0 56.0	225.0 230.0 223.0	50C1	24S/26E-13D01 M	450.0	10/01/84 01/31/85	273.5 216.5(9)	176.5 233.5	5050
24S/25E-21P01 M	284.0	10/04/84 01/30/85	60.5 53.5	223.5 230.5	5001	24S/26E-13H01 M	467.0	10/01/84 01/31/85	335.5 281.5(9)	131.5 185.5	5050
24S/25E-22B01 M	298.0	10/04/84 01/30/85	60.0 58.0	238.0 240.0	50C1	24S/26E-14O02 M	437.0	10/05/84 02/01/85	220.5 179.5	216.5 257.5	5001
24S/25E-22R01 M	303.0	10/04/84 01/30/85	94.0 NM-9	209.0	50C1	24S/26E-15J01 M	419.0	10/05/84 02/01/85	138.5 125.5	280.5 293.5	5001
24S/25E-23H02 M	346.0	10/04/84 01/30/85	94.0 85.0	252.0 261.0	5001	24S/26E-16R01 M	400.0	10/05/84 02/01/85	127.0 119.0	273.0 281.0	5001
24S/25E-23P01 M	340.5	10/04/84 01/30/85	49.0 47.0	291.5 293.5	50C1	24S/26E-17A01 M	380.0	10/05/84 02/01/85	136.5 122.5	243.5 257.5	5001
24S/25E-26R01 M	327.0	10/04/84 01/31/85	59.0 69.0	268.0 258.0	50C1	24S/26E-19J01 M	359.0	10/05/84 01/31/85	NM-1 97.0		5001
24S/25E-28P01 M	286.0	10/04/84 01/31/85	45.0 42.0	241.0 244.0	5001	24S/26E-20H01 M	378.0	10/08/84 01/31/85	111.0 NM-9	267.0	5001
24S/25E-30D01 M	256.0	10/31/84 02/22/85	57.0 60.0	199.0 196.0	5050 50C1	24S/26E-20P01 M	374.0	10/05/84 01/31/85	85.0 85.0	289.0 289.0	5001
24S/25E-33J01 M	292.0	10/04/84 01/31/85	35.5 38.5	256.5 253.5	5001	24S/26E-23H01 M	454.0	10/08/84 02/01/85	198.0 175.0	256.0 279.0	5001
24S/25E-34P02 M	303.0	10/03/84 01/31/85	36.5 34.5	266.5 268.5	50C1	24S/26E-24H01 M	469.5	10/01/84 01/31/85	420.5 362.5(9)	49.0 107.0	5050
24S/25E-35A01 M	328.0	10/05/84 01/31/85	89.5 70.5	238.5 257.5	5001	24S/26E-24R01 M	475.0	10/01/84 01/31/85	380.0 317.0(9)	95.0 158.0	5050
24S/25E-35O01 M	315.0	10/05/84 01/31/85	122.5 81.5	192.5 233.5	5001	24S/26E-25G01 M	475.0	10/01/84 01/31/85	318.0 276.0(9)	157.0 199.0	5050
24S/25E-35P01 M	320.0	10/05/84 01/31/85	44.0 45.0	276.0 275.0	5001	24S/26E-25H01 M		10/08/84 02/01/85	NM-9 NM-9		5001
24S/25E-36H01 M	355.0	10/05/84 01/31/85	57.5 55.5	297.5 299.5	50C1	24S/26E-26C02 M	452.0	10/08/84 02/01/85	175.5 162.5	276.5 289.5	5001
24S/25E-36J01 M		10/05/84 01/31/85	NM-1 NM-9		5001	24S/26E-27H01 M	444.5	10/04/84 02/01/85	154.5 NM-9	290.0	5001
24S/26E-01A01 M	463.0	10/03/84 01/25/85 09/27/85	393.0 NM-4 NM-1	70.0	5001	24S/26E-28L01 M	411.5	10/04/84 02/01/85	117.0 115.0	294.5 296.5	5001
24S/26E-01F01 M	454.0	10/01/84 02/13/85	362.0(9) 179.0(9)	92.0 275.0	5001	24S/26E-29H01 M	394.0	10/04/84 01/30/85	111.5 101.5	282.5 292.5	5001
24S/26E-01R01 M	468.0	10/01/84 02/13/85	361.5(9) NM-7	106.5	5001	24S/26E-30P01 M	366.0	10/04/84 01/30/85	104.0 98.0	262.0 268.0	5001
24S/26E-02H01 M	440.0	10/01/84 02/13/85	319.0(9) 234.0(9)	127.0 206.0	5001	24S/26E-30R01 M	376.0	10/04/84 01/29/85	86.0 86.0	290.0 290.0	5001
24S/26E-02P01 M	435.0	10/01/84 10/05/84 01/31/85 02/13/85	NM-7 281.5 210.5 NM-7		5001	24S/26E-32G01 M	397.0	10/04/84 01/29/85	113.0 104.0	284.0 293.0	5001
24S/26E-02R01 M		10/01/84 02/13/85	NM-1 NM-7		5001	24S/26E-32L02 M	398.0	10/04/84 01/29/85	94.0 90.1	304.0 307.9	5001
24S/26E-03A01 M	419.0	10/01/84 02/13/85	NM-1 179.0(9)	240.0	50C1	24S/26E-33P01 M	422.0	10/04/84 01/29/85	134.5 134.5	287.5 287.5	5001
24S/26E-03J01 M	422.0	10/01/84 02/13/85	274.0(9) NM-7	148.0	5001	24S/26E-34O03 M	450.0	10/04/84 02/01/85	163.5 158.5	286.5 291.5	5001
24S/26E-03P02 M	411.0	10/01/84 02/13/85	NM-7 180.0(9)	231.0	5001	24S/26E-35H02 M	486.0	10/04/84 02/01/85	202.0 196.0	284.0 290.0	5001
24S/26E-04P01 M	387.0	10/01/84 02/13/85	NM-1 154.0(9)	233.0	5001	24S/27E-03C01 M	553.0	01/23/85 09/27/85	464.5 NM-1	88.5	5001
24S/26E-04P01 M	400.0	10/01/84 10/05/84 01/31/85 02/13/85	NM-1 NM-1 156.0 NM-7	244.0	5001	24S/27E-07H02 M	492.0	10/01/84 01/31/85	451.0 362.0(9)	41.0 130.0	5050
24S/26E-05R01 M	376.0	10/05/84 01/30/85	144.0 138.0	232.0 239.0	5001	24S/27E-08L01 M	508.0	10/01/84 01/31/85	455.0 390.0(9)	51.0 116.0	5050
24S/26E-07R01 M	343.0	02/22/85	129.0(9)	234.0	5050	24S/27E-10E02 M	545.0	01/23/85 09/27/85	173.5 189.5	371.5 355.5	5001
24S/26E-07R02 M	362.0	10/05/84 01/31/85	115.0 113.0	247.0 249.0	5001	24S/27E-17E01 M		01/23/85 09/27/85	NM-3 NM-1		5001
24S/26E-08H01 M	378.0	10/05/84 01/30/85	137.0 129.0	241.0 249.0	5001	24S/27E-17P01 M	525.0	10/01/84 01/31/85	462.0 410.0(9)	63.0 115.0	5050
24S/26E-10A01 M	425.0	10/01/84 02/13/85	290.0(9) 220.0(9)	135.0 205.0	5001	24S/27E-19A01 M	495.0	10/01/84 01/31/85	417.5 364.5(9)	77.5 130.5	5050
24S/26E-10H01 M	426.0	10/05/84 01/30/85	181.5 147.5	264.5 278.5	50C1	24S/27E-19A02 M	497.0	10/01/84 01/31/85	439.0 378.0(9)	58.0 119.0	5050
24S/26E-11D01 M	432.0	10/01/84 02/13/85	235.0(9) NM-7	197.0	50C1	24S/27E-19G01 M	481.0	10/01/84 01/31/85	435.0 367.0(9)	46.0 114.0	5050
						24S/27E-19J01 M	502.0	10/01/84 01/31/85	440.0 385.0(9)	62.0 117.0	5050
						24S/27E-20J01 M	539.0	10/01/84	474.0	85.0	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.L	TULARE LAKE HB SOUTH VALLEY FLOOR HU TULE DELTA HA					C C-01 C-01.M	TULARE LAKE HB SOUTH VALLEY FLOOR HU LAKE SIMP HA				
24S/27E-20J01 M	539.0	01/31/85	420.0(9)	119.0	5050	21S/20E-34A01 M		10/30/84 02/21/85	NM-9 NM-9		5001
24S/27E-20Q01 M	532.0	10/01/84 01/31/85	416.5 388.5(9)	115.5 143.5	5050	21S/21E-10001 M		10/30/84 02/21/85	NM-9 NM-4		5001
24S/27E-22C01 M	585.0	01/23/85 09/27/85	466.0 NM-1	119.0	5001	21S/21E-11001 M		10/30/84 02/21/85	NM-9 NM-7		5001
24S/27E-22P01 M		01/23/85 09/27/85	NM-7 NM-9		5001	21S/21E-14001 M	187.5	10/30/84 02/21/85	NM-9 58.4	129.1	5001
24S/27E-29P01 M	527.0	10/01/84 01/31/85	485.5 428.5(9)	41.5 98.5	5050	21S/21E-14K01 M		10/30/84 02/21/85	NM-9 NM-9		5001
24S/27E-30F01 M		10/01/84	NM-1		5001	21S/21E-21D01 M		10/30/84 02/21/85	NM-9 NM-7		5001
24S/27E-31F03 M	497.0	01/31/85	353.0(9)	144.0	5050	21S/21E-24E01 M		10/30/84 02/21/85	NM-9 NM-1		5001
24S/27E-31H01 M		01/31/85	NM-2		5050	21S/21E-26D01 M		10/30/84 02/21/85	NM-9 NM-7		5001
24S/27E-31K02 M	533.0	10/01/84 01/31/85	463.0 411.0(9)	70.0 122.0	5050	21S/21E-34001 M		10/30/84 02/21/85	NM-9 NM-7		5001
24S/27E-31K02 M	533.0	10/01/84 01/31/85	489.0 425.0(9)	44.0 108.0	5050	21S/22E-04R01 M	205.0	10/30/84 02/22/85	67.0 58.6	138.0 146.4	5050 5001
24S/27E-31P02 M	534.0	10/01/84 01/31/85	492.5 426.5(9)	41.5 107.5	5050	21S/22E-07K01 M		02/21/85	NM-9		5050
24S/27E-32K01 M	540.0	10/01/84 01/31/85	489.5 434.5(9)	50.5 105.5	5050	21S/22E-09D01 M	204.0	10/30/84 02/22/85	82.0 77.5(9)	122.0 126.5	5050 5001
24S/27E-32M01 M	542.0	10/01/84 01/31/85	487.0 432.0(9)	55.0 110.0	5050	21S/22E-09N01 M	199.0	10/30/84 02/22/85	32.0 27.6	167.0 171.4	5050 5001
C-01.M	LAKE SIMP HA					21S/22E-12M01 M		10/30/84 02/22/85	NM-5 NM-5		5001
20S/21E-11D01 M	217.0	10/17/84 02/20/85	63.2 62.6	153.8 154.4	5001	21S/22E-13A01 M	211.4	10/03/84 01/31/85	22.4 19.4	189.0 192.0	5001
20S/21E-11N01 M	215.0	10/17/84 02/20/85	78.2 81.1	136.8 133.9	5001	21S/22E-22M01 M	194.0	10/30/84 02/22/85	4.0 NM-1	190.0	5050 5001
20S/21E-12N02 M	215.0	10/29/84 02/21/85	63.0 NM-4	152.0	5050 5001	21S/22E-34A01 M		10/30/84 02/22/85	NM-1 NM-1		5001
20S/21E-22N01 M	206.0	10/29/84 02/21/85	63.0 60.0(9)	143.0 146.0	5050 5001	21S/22E-36A02 M		10/30/84 02/22/85	NM-1 NM-9		5001
20S/21E-22R01 M	207.0	10/29/84 02/21/85	74.0 62.0	133.0 145.0	5050 5001	22S/19E-07C01 M		02/22/85	NM-7		5050
20S/21E-24G01 M	210.0	10/29/84 02/21/85	65.0 72.5(9)	145.0 137.5	5050 5001	22S/22E-10A01 M		10/30/84 02/22/85	NM-7 NM-0		5001
20S/21E-24H01 M	211.0	10/29/84 02/21/85	64.0 58.5(9)	147.0 152.5	5050 5001	C-01.N	SOUTH TULARE LAKE HA				
20S/21E-36P01 M	202.0	10/04/84 01/30/85	82.0 61.0	120.0 141.0	5001	24S/22E-25N01 M	210.0	10/30/84 02/22/85	205.0(9) 175.0(9)	5.0 35.0	5050 5001
20S/22E-19A01 M	222.0	10/17/84 02/15/85 09/26/85	37.0 32.5 61.1	185.0 189.5 160.9	5001	24S/22E-27R01 M	207.0	10/30/84 02/22/85	150.0(9) 86.8	57.0 120.2	5050 5001
20S/22E-18G01 M	214.0	10/29/84 02/21/85	70.0 64.0(9)	144.0 150.0	5050 5001	24S/22E-33C01 M	211.0	10/30/84 02/22/85	198.0(9) 174.0(9)	15.0 37.0	5050
20S/22E-18R01 M	213.0	10/29/84 02/21/85	68.0 62.0(9)	145.0 151.0	5050 5001	24S/22E-35E01 M	213.0	10/30/84 02/22/85	212.0(9) 185.0(9)	1.0 28.0	5050 5001
20S/22E-19J01 M	213.0	10/29/84 02/21/85	70.0 61.5	143.0 151.5	5050 5001	C-01.P	KETTLEMAN HA				
20S/22E-19L01 M	211.0	10/29/84 02/21/85	67.0 62.0	144.0 149.0	5050 5001	20S/15E-09E01 M	890.0	12/27/84	500.0(9)	390.0	5050
20S/22E-19N01 M	209.0	10/29/84 02/21/85	69.0 65.0(9)	140.0 144.0	5050 5001	20S/15E-15L01 M	740.0	12/27/84	444.0(9)	296.0	5050
20S/22E-20A02 M	216.0	11/05/84 02/15/85 09/26/85	21.7 27.8 41.1	194.3 188.2 174.9	5001	20S/15E-16A01 M	787.0	12/27/84	464.0(9)	323.0	5050
20S/22E-23P01 M	220.0	10/30/84 02/21/85	40.0 37.0	180.0 183.0	5050 5001	20S/15E-16A02 M		12/27/84	NM-4		5050
20S/22E-27A01 M	216.0	10/03/84 01/31/85	24.5 24.5	191.5 191.5	5001	20S/15E-16C01 M	804.0	12/27/84	478.0(9)	326.0	5050
20S/22E-27P01 M		10/30/84 02/21/85	NM-9 NM-9		5050 5001	20S/15E-17C01 M		12/27/84	NM-9		5050
20S/22E-29P01 M	211.0	10/03/84 01/31/85	13.0 13.0	198.0 198.0	5001	20S/15E-20B01 M	740.0	12/27/84	416.0(9)	324.0	5050
20S/22E-33F01 M		10/03/84 01/31/85	NM-3 38.0		5001	20S/15E-20001 M	741.0	12/27/84	403.5(9)	337.5	5050
20S/22E-34J01 M	213.0	10/30/84 02/21/85	9.0 9.4	204.0 203.6	5050 5001	20S/15E-21D01 M	741.0	12/27/84	423.0(9)	318.0	5050
20S/22E-35R01 M	216.0	10/30/84 02/21/85	36.0 21.0	180.0 195.0	5050 5001	20S/15E-22D02 M	733.0	12/27/84	417.0(9)	316.0	5050
21S/18E-36J01 M	225.0	12/12/84	187.0	38.0	5846	20S/15E-23D01 M	697.0	12/27/84	384.0(9)	313.0	5050
21S/20E-27A01 M		10/30/84 02/21/85	NM-9 NM-7		5001	20S/15E-24K01 M		12/27/84	NM-9		5050
						20S/15E-25A01 M	601.0	12/27/84	278.0	323.0	5050
						20S/15E-25002 M	615.0	12/27/84	288.0(9)	329.0	5050
						20S/15E-26D03 M	645.0	12/27/84	301.0(9)	344.0	5050
						20S/15E-26L01 M	623.0	12/27/84	301.0(9)	322.0	5050
						20S/15E-26M02 M	632.0	12/27/84	281.0(9)	351.0	5050
						20S/15E-27C01 M	665.0	12/27/84	323.0(9)	342.0	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.P	TULARE LAKE HB SOUTH VALLEY FLOOR HU KETTLEMAN HA					C C-01 C-01.P	TULARE LAKE HB SOUTH VALLEY FLOOR HU KETTLEMAN HA				
20S/15E-28001 M	696.0	12/27/84	363.0(9)	333.0	5050	21S/16E-18C01 M	625.0	12/28/84	338.0(9)	287.0	5050
20S/15E-28R03 M	655.0	12/27/84	276.0(9)	379.0	5050	21S/16E-21801 M	614.0	12/28/84	339.0(9)	275.0	5050
20S/15E-29D01 M	712.0	12/27/84	375.0(9)	337.0	5050	21S/16E-22801 M	614.0	12/28/84	343.0(9)	271.0	5050
20S/15E-32A01 M	675.0	12/27/84	262.0	413.0	5050	21S/16E-22E01 M		12/28/84	NM-4		5050
20S/15E-33C01 M	660.0	12/27/84	252.0	408.0	5050	21S/16E-22L01 M		12/28/84	NM-4		5050
20S/15E-33C02 M	660.0	12/27/84	300.0	360.0	5050	21S/16E-22P01 M	638.0	12/28/84	367.0(9)	271.0	5050
20S/15E-34801 M	641.0	12/27/84	280.0(9)	361.0	5050	21S/16E-23F01 M	635.0	12/28/84	340.5(9)	294.5	5050
20S/15E-34802 M	640.0	12/27/84	295.0(9)	345.0	5050	21S/16E-26K01 M		12/28/84	NM-9		5050
20S/15E-34N02 M	647.0	12/27/84	290.5(9)	356.5	5050	21S/16E-26K02 M		12/28/84	NM-9		5050
20S/15E-34R01 M	629.0	12/27/84	302.0	327.0	5050	21S/16E-26M02 M		12/28/84	NM-9		5050
20S/15E-36E01 M	599.0	12/27/84	267.0	332.0	5050	21S/16E-26N01 M	675.0	12/29/84	372.0	303.0	5050
20S/15E-36N01 M		12/27/84	NM-9		5050	21S/16E-27H01 M	657.0	12/28/84	355.0(9)	302.0	5050
20S/15E-36Q01 M	607.0	12/27/84	168.0(9)	439.0	5050	21S/16E-27J01 M	665.0	12/28/84	335.0(9)	330.0	5050
20S/15E-36Q02 M		12/27/84	NM-1		5050	21S/16E-27J03 M	663.0	12/28/84	339.0(9)	324.0	5050
20S/16E-21R01 M	501.0	12/04/84	455.0	46.0	5646	21S/16E-27K01 M	665.0	12/28/84	339.0(9)	326.0	5050
20S/16E-26002 M	490.0	12/04/84	488.0	2.0	5646	21S/16E-35A01 M	703.0	12/28/84	327.0(9)	376.0	5050
20S/16E-30N02 M	594.0	12/27/84	321.0(9)	273.0	5050	22S/18E-04801 M		12/14/84	NM-0		5646
20S/16E-30Q01 M	584.0	12/04/84 12/27/84	273.0 269.0(9)	311.0 315.0	5646 5050	22S/18E-04H01 M	407.0	12/14/84	407.0	.0	5646
20S/16E-30R01 M	580.0	12/27/84	259.0	321.0	5050	C-01.Q ANTELOPE PLAIN HA					
20S/16E-32D04 M		12/04/84 12/27/84	NM-9 270.0		5646 5050	25S/18E-34H01 M	565.0	10/01/84 01/28/85 09/30/85	23.0 23.0 23.0	542.0 542.0 542.0	5001
21S/15E-01M01 M		12/27/84	NM-9		5050	25S/18E-34J01 M	530.0	10/01/84 01/28/85 09/30/85	16.0 16.0 16.0	514.0 514.0 514.0	5001
21S/15E-02804 M		12/27/84	NM-9		5050	25S/19E-20Q02 M	480.0	10/01/84 01/28/85 09/30/85	67.6 67.6 68.6	412.4 412.4 411.4	5001
21S/15E-02E01 M		12/27/84	NM-9		5050	25S/20E-26M01 M	310.0	10/02/84 01/28/85 09/30/85	37.0 42.0 39.0	273.0 288.0 271.0	5001
21S/15E-03F01 M	648.0	12/27/84	323.0(9)	325.0	5050	25S/20E-27803 M	310.0	10/02/84 01/28/85 09/30/85	46.5 45.5 40.5	263.5 264.5 269.5	5001
21S/15E-04N04 M	687.0	12/27/84	322.0(9)	365.0	5050	25S/21E-01R01 M	215.0	10/02/84 01/31/85 09/30/85	141.0 142.0 142.0	74.0 73.0 73.0	5001
21S/15E-04Q01 M	673.0	12/27/84	320.0	353.0	5050	25S/21E-02P01 M	210.0	10/02/84 01/31/85 09/30/85	139.0 140.0 136.0	71.0 70.0 74.0	5001
21S/15E-10802 M		12/27/84	NM-4		5050	25S/21E-13N01 M	220.0	10/02/84 01/31/85 09/30/85	32.0 35.0 32.0(7)	188.0 185.0 188.0	5001
21S/15E-10K01 M		12/27/84	NM-4		5050	25S/21E-14J01 M	215.0	10/02/84 01/31/85 09/30/85	95.0 84.0 87.0	120.0 131.0 128.0	5001
21S/15E-11801 M	630.0	12/27/84	334.0	296.0	5050	25S/21E-16N01 M	220.0	10/02/84 01/28/85 09/30/85	NM-9 5.0(8) 6.0(8)	215.0 215.0 214.0	5001
21S/15E-12F01 M	639.0	12/28/84	324.0(9)	315.0	5050	25S/21E-26P01 M	222.0	10/02/84 01/28/85	7.0 7.0	215.0 215.0	5001
21S/15E-12M01 M	644.0	12/28/84	329.0(9)	315.0	5050	26S/18E-18F03 M	835.0	10/01/84 01/28/85 09/30/85	137.0 119.0 117.0	698.0 716.0 718.0	5001
21S/15E-12Q01 M	641.0	12/28/84	330.5(9)	310.5	5050	26S/18E-18G01 M	835.0	10/01/84 01/28/85 09/30/85	175.0 173.0 172.0	660.0 662.0 663.0	5001
21S/15E-12Q03 M		12/28/84	NM-1		5050	26S/18E-19R01 M	860.0	10/01/84 01/28/85 09/30/85	146.0 136.0 133.0	714.0 724.0 727.0	5133
21S/16E-02M01 M	570.0	12/28/84	299.0(9)	271.0	5050	26S/21E-14F01 M	239.0	10/02/84 01/28/85	8.0 10.0	230.0 228.0	5001
21S/16E-02R01 M	557.0	12/06/84	302.0	255.0	5646	26S/21E-14J01 M	237.0	10/02/84 01/28/85	11.0 12.0	226.0 225.0	5001
21S/16E-04E02 M	575.0	12/28/84	261.0(9)	314.0	5050	26S/21E-21N01 M		10/02/84 01/28/85	NM-3 NM-3		5001
21S/16E-04N02 M	582.0	12/28/84	268.0(9)	314.0	5050	27S/22E-06M01 M	255.0	01/15/85 09/12/85	19.9 17.0	235.1 238.0	5001
21S/16E-04R01 M	574.0	12/28/84	292.0(9)	282.0	5050	30S/23E-01001 M	276.8	01/15/85 09/12/85	75.2 42.4	201.6 194.0	5001
21S/16E-05P01 M	590.0	12/28/84	290.0(9)	300.0	5050	30S/24E-06N01 M		01/15/85	NM-7		5001
21S/16E-06M01 M		12/28/84	NM-9		5050						
21S/16E-07M02 M	632.0	12/28/84	333.0(9)	299.0	5050						
21S/16E-08D03 M	602.0	12/28/84	289.0(9)	313.0	5050						
21S/16E-08E01 M		12/28/84	NM-5		5050						
21S/16E-08F01 M		12/28/84	NM-9		5050						
21S/16E-08J01 M	593.0	12/28/84	301.0(9)	292.0	5050						
21S/16E-09L01 M	583.0	12/28/84	295.0(9)	288.0	5050						
21S/16E-09M01 M		12/28/84	NM-1		5050						
21S/16E-10G01 M	580.0	12/28/84	293.0(9)	287.0	5050						
21S/16E-10N03 M	593.0	12/28/84	311.0(9)	282.0	5050						
21S/16E-10P01 M	593.0	12/28/84	308.3(9)	284.7	5050						
21S/16E-14M01 M		12/28/84	NM-4		5050						
21S/16E-15N02 M	616.0	12/28/84	347.0(9)	269.0	5050						
21S/16E-16C01 M		12/28/84	NM-9		5050						
21S/16E-16J01 M	605.0	12/28/84	327.0(9)	278.0	5050						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.Q	TULARE LAKE HB SOUTH VALLEY FLOOR HU ANTELOPE PLAIN HA					C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HJ SEMITROPIC HA				
30S/24E-06N01 M		09/12/85	NM-4		5001	25S/23E-36R03 M	237.0	10/26/84 01/29/85	217.5 NM-7	19.5	5001
30S/24E-14001 M	291.4	01/15/85 09/12/85	78.0 91.0	213.4 200.4	5001	25S/24E-04R01 M	233.0	10/29/84 01/22/85	173.0 121.0	60.0 112.0	5001
C-01.R	SEMITROPIC HA					25S/24E-06002 M	220.0	10/29/84 02/05/85	NM-1 161.0	59.0	5001
25S/21E-24H01 M		10/02/84 01/31/85 09/30/85	NM-9 NM-9 NM-9		5001	25S/24E-08H01 M	231.0	10/05/84 01/28/85 09/30/85	247.0(9) 152.0(9) 225.0	-16.0 79.0 6.0	5001
25S/22E-01N01 M		10/08/84 02/08/85	NM-9 NM-9		5001	25S/24E-14R02 M	257.0	10/29/84 01/22/85	NM-3 141.0		5001
25S/22E-02F01 M	212.0	10/08/84 02/05/85	212.0 176.0	.0 36.0	5001	25S/24E-19P01 M	237.0	10/29/84 01/29/85	NM-4 148.0	69.0	5001
25S/22E-02R01 M	212.0	10/08/84 02/08/85	72.0 70.0	140.0 142.0	5001	25S/24E-19R02 M		10/29/84 01/29/85	NM-8 NM-8		5001
25S/22E-11801 M		10/08/84 02/08/85	NM-3 NM-3		5001	25S/24E-21P01 M	245.0	10/29/84 01/29/85	NM-9 147.0	99.0	5001
25S/22E-14601 M	215.0	10/08/84 02/05/85	147.5 NM-3	67.5	5001	25S/24E-22R02 M	256.0	10/29/84 01/22/85	136.0 90.0	120.0 166.0	5001
25S/22E-15A02 M		10/05/84 02/08/85	NM-1 NM-7		5001	25S/24E-23R03 M	265.0	10/29/84 01/22/85	77.0 71.0	189.0 195.0	5001
25S/22E-27J01 M	220.0	10/05/84 02/08/85	220.0 170.0	.0 50.0	5001	25S/24E-25F02 M	273.0	10/09/84 01/22/85	217.5 155.5	55.5 117.5	5001
25S/22E-28P01 M	220.0	10/05/84 02/08/85	237.0 171.0	-17.0 49.0	5001	25S/24E-26F01 M	262.0	10/29/84 01/22/85	210.0 142.0	52.0 120.0	5001
25S/22E-28R01 M	220.0	10/05/84 02/08/85	126.0 90.0	94.0 130.0	5001	25S/24E-27001 M	248.0	10/05/84 01/28/85 09/30/85	69.5(9) 60.5(9) 62.5	178.5 187.5 185.5	5001
25S/22E-29801 M	220.0	10/05/84 02/08/85	121.0 101.0	99.0 119.0	5001	25S/24E-27R03 M	258.0	10/05/84 01/28/85 09/30/85	186.5(9) 127.5(9) NM-1	71.5 130.5	5001
25S/22E-29K01 M	220.0	10/15/84 02/08/85	NM-1 173.0	47.0	5001	25S/24E-27R04 M	261.0	10/29/84 01/22/85	211.0 153.0	50.0 105.0	5001
25S/22E-29R01 M	220.0	10/15/84 02/08/85	NM-1 171.0	49.0	5001	25S/24E-28R01 M	252.5	10/05/84 01/28/85 09/30/85	61.5(9) 55.5(9) 55.5	191.0 197.0 197.0	5001
25S/22E-32R01 M	224.0	10/15/84 02/05/85	29.0 NM-9	195.0	5001	25S/24E-30R02 M	239.0	10/29/84 01/29/85	183.0 142.0	56.0 97.0	5001
25S/23E-01M03 M		10/29/84 02/05/85	NM-9 159.0	56.0	5001	25S/24E-32P02 M	245.0	10/29/84 01/29/85	155.0 160.0	91.0 86.0	5001
25S/23E-03E01 M	208.0	10/08/84 02/05/85	220.5 154.5	-12.5 53.5	5001	25S/24E-33F01 M		10/29/84 01/29/85	NM-4 NM-4		5001
25S/23E-05E01 M	210.0	10/08/84 02/05/85	217.0 162.0	-7.0 48.0	5001	25S/24E-33601 M	254.0	10/05/84 01/28/85 09/30/85	94.0(9) 80.0(9) 93.0	160.0 174.0 171.0	5001
25S/23E-06N01 M		10/08/84 02/08/85	NM-4 NM-4		5001	25S/24E-34J02 M	263.0	10/19/84 01/22/85	NM-3 158.5	104.5	5001
25S/23E-07802 M		10/08/84 02/08/85	NM-1 NM-9		5001	25S/24E-35E01 M	264.5	10/19/84 01/22/85	87.5 82.5	177.0 182.0	5001
25S/23E-09R01 M		10/29/84 02/05/85	NM-4 157.0	56.0	5001	25S/24E-35E02 M	263.0	10/19/84 01/22/85	206.5 146.5	56.5 116.5	5001
25S/23E-10P01 M	212.0	10/29/84 02/05/85	200.0 157.0	12.0 55.0	5001	25S/24E-35F02 M	267.0	10/05/84 01/28/85 09/30/85	92.0(9) 85.0(9) 85.0	175.0 182.0 182.0	5001
25S/23E-20001 M	214.0	10/08/84 02/08/85	178.0 159.0	36.0 55.0	5001	25S/24E-35R01 M	274.0	10/05/84 10/10/84 01/28/85 02/13/85 09/30/85	222.0(9) 191.0(9) 155.0(9) 161.0(9) 212.0	52.0 123.0 119.0 113.0 62.0	5001
25S/23E-22001 M	217.0	10/26/84 02/08/85	110.0 93.0	107.0 124.0	5001	25S/24E-36G01 M	279.0	10/19/84 01/22/85	201.0 136.0	78.0 143.0	5001
25S/23E-24R02 M	229.0	10/29/84 01/29/85	229.0 154.0	.0 75.0	5001	26S/22E-21001 M	240.0	10/04/84 01/30/85	30.0 28.0	210.0 212.0	5001
25S/23E-26001 M		10/26/84 02/08/85	NM-1 151.0	68.0	5001	26S/22E-26L01 M	240.0	10/04/84 01/30/85	290.0 219.0	-10.0 21.0	5001
25S/23E-27H01 M	219.0	10/26/84 02/08/85	103.0 98.0	116.0 121.0	5001	26S/22E-34L01 M	252.0	10/13/84 02/13/85 09/30/85	NM-7 222.0 NM-7	30.0	5001
25S/23E-28001 M	217.0	10/08/84 02/08/85	113.0 95.0	104.0 122.0	5001	26S/22E-34H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
25S/23E-28002 M	217.0	10/08/84 02/08/85	206.0 152.0	11.0 65.0	5001	26S/22E-35J01 M	253.0	10/04/84 01/30/85	252.0 217.0	1.0 36.0	5001
25S/23E-30N01 M	217.0	10/08/84 02/05/85	35.0 NM-9	182.0	5001	26S/23E-02N01 M	228.0	10/26/84 02/06/85	233.0 NM-9	-5.0	5001
25S/23E-33E01 M	220.0	10/08/84 02/06/85	143.5 97.5	76.5 122.5	5001	26S/23E-02R01 M	234.9	10/26/84 02/06/85	110.0 100.0	124.9 134.9	5001
25S/23E-33P02 M	221.0	10/08/84 02/06/85	127.0 106.0	94.0 115.0	5001						
25S/23E-36G01 M		10/26/84 01/29/85	NM-3 178.0	56.0	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA					C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA				
26S/23E-04F01 M	222.0	10/08/84 02/06/85	108.0 NM-9	114.0	5001	26S/24E-08R01 M	261.0	10/10/84 02/13/85 09/30/85	228.0(9) 184.0(9) 233.0(9)	33.0 77.0 28.0	5001
26S/23E-05G01 M	222.0	10/08/84 02/06/85	NM-1 164.0	58.0	5001	26S/24E-14F02 M	285.0	10/05/84 01/28/85 09/30/85	102.0(9) 182.0(9) 97.0	184.0 104.0 189.0	5001
26S/23E-05G02 M	221.0	10/08/84 02/06/85	44.3 45.3	176.7 175.7	5001	26S/24E-15P02 M	279.0	10/05/84 01/28/85 09/30/85	139.5(9) 122.5(9) 130.5	139.5 156.5 144.5	5001
26S/23E-07H02 M	224.0	10/26/84 02/06/85	210.0 157.0	14.0 67.0	5001	26S/24E-17H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-07001 M	225.0	10/26/84 02/06/85	60.0 48.0	165.0 177.0	5001	26S/24E-17R01 M	267.0	10/10/84 02/13/85 09/30/85	230.0(9) 189.0(9) 226.0(9)	37.0 78.0 41.0	5001
26S/23E-10E01 M	226.0	10/26/84 02/06/85	74.5 72.5	151.5 153.5	5001	26S/24E-18H01 M		10/10/84 10/29/84 01/29/85 02/13/85 09/30/85	NM-7 216.0 182.0 NM-7 NM-7	48.0 82.0	5001
26S/23E-10H01 M	230.0	10/26/84 02/06/85	128.3 97.3	101.7 132.7	5001	26S/24E-18L01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-13R02 M	250.0	10/29/84 01/29/85	213.0 NM-1	37.0	5001	26S/24E-18P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-14F01 M		10/26/84 02/06/85	NM-1 NM-1		5001	26S/24E-18R01 M	258.0	10/10/84 02/13/85 09/30/85	231.0(9) 199.0(9) 227.0(9)	27.0 59.0 31.0	5001
26S/23E-15A01 M	227.3	10/26/84 02/06/85	224.0 169.0	3.3 58.3	5001	26S/24E-19H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-1 NM-7		5001
26S/23E-15A02 M	227.8	10/26/84 02/06/85	57.0 57.0	170.8 170.8	5001	26S/24E-19P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-15A03 M	227.5	10/26/84 02/06/85	130.0 95.0	97.5 132.5	5001	26S/24E-19R01 M	261.0	10/10/84 02/13/85 09/30/85	241.0(9) NM-1 230.0(9)	20.0 31.0	5001
26S/23E-15H01 M	233.0	10/26/84 02/06/85	220.0 176.0	13.0 57.0	5001	26S/24E-21H01 M	277.5	10/30/84 01/29/85	229.0 178.0	48.5 99.5	5001
26S/23E-15H02 M	233.0	10/26/84 02/06/85	68.5 66.5	164.5 166.5	5001	26S/24E-21R01 M	260.0	10/30/84 01/29/85	250.0 181.0	30.0 99.0	5001
26S/23E-15H03 M	233.0	10/26/84 02/06/85	127.0 98.0	106.0 135.0	5001	26S/24E-22F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-25R02 M	259.0	10/29/84 01/29/85	231.0 NM-9	28.0	5001	26S/24E-22P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-32F01 M		10/26/84 02/01/85	NM-9 NM-9		5001	26S/24E-22R01 M	288.0	10/10/84 02/13/85 09/30/85	235.0(9) 194.0(9) 243.0(9)	53.0 94.0 45.0	5001
26S/23E-32F03 M		10/26/84 02/01/85	NM-1 NM-1		5001	26S/24E-23C01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-33H02 M		10/08/84 02/01/85	NM-9 NM-2		5001	26S/24E-23H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-34H01 M	251.0	10/10/84 02/13/85 09/30/85	197.6(9) 163.6 NM-7	53.4 87.4	5001	26S/24E-23P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/23E-35002 M	254.0	10/30/84 02/01/85	249.0 209.0	5.0 45.0	5001	26S/24E-23R01 M	299.0	10/10/84 02/13/85 09/30/85	232.6(9) NM-7 244.6(9)	66.4 44.4	5001
26S/23E-36H03 M	263.0	10/29/84	200.0	63.0	5133	26S/24E-27H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-02G01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/24E-27P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-02H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/24E-27R01 M	294.7	10/10/84 02/13/85 09/30/85	243.0(9) 203.0(9) NM-2	51.7 91.7	5001
26S/24E-02R02 M	279.0	10/10/84 02/13/85 09/30/85	183.6(9) 169.6(9) NM-7	95.4 109.4	5001	26S/24E-28H01 M	281.0	10/30/84 01/29/85	250.5 191.5	30.5 99.5	5001
26S/24E-04H01 M	261.0	10/05/84 01/28/85 09/30/85	113.5(9) 103.5(9) 107.5	147.5 157.5 153.5	5001	26S/24E-28P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-04H02 M	260.0	10/10/84 02/13/85 09/30/85	NM-1 169.9(9) NM-7	90.1	5001	26S/24E-28R01 M	284.0	10/10/84 02/13/85 09/30/85	241.2(9) 207.2(9) 267.2(9)	42.8 76.8 16.8	5001
26S/24E-04R01 M	264.0	10/10/84 02/13/85 09/30/85	200.0(9) NM-7 231.0(9)	64.0 33.0	5001	26S/24E-29H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-05H01 M	255.0	10/05/84 01/28/85 09/30/85	114.0(9) 95.0(9) 216.0	141.0 160.0 39.0	5001	26S/24E-29P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-07F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/24E-29R01 M	294.0	10/10/84 02/13/85 09/30/85	243.0(9) 203.0(9) NM-2	51.7 91.7	5001
26S/24E-07H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/24E-29H01 M	281.0	10/30/84 01/29/85	250.5 191.5	30.5 99.5	5001
26S/24E-07R01 M	254.0	10/10/84 02/13/85 09/30/85	232.5(9) 188.5(9) NM-7	21.5 65.5	5001	26S/24E-29P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
26S/24E-08P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/24E-29R01 M	284.0	10/10/84 02/13/85 09/30/85	241.2(9) 207.2(9) 267.2(9)	42.8 76.8 16.8	5001
						26S/24E-29H01 M		10/10/84 10/30/84	NM-7 NM-4		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA					C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA				
26S/24E-30H01 M	265.0	01/29/85 02/13/85 09/30/85	190.0 NM-7 NM-7	75.0	5001	27S/23E-36A02 M		02/05/85	NM-1		5001
26S/24E-30P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	27S/24E-06F01 M		10/10/84 02/13/85	NM-7 NM-7		5001
26S/24E-30R01 M	266.0	10/10/84 02/13/85 09/30/85	233.0(9) 197.0(9) 232.0(9)	33.0 69.0 34.0	5001	27S/24E-06H01 M		10/10/84 02/13/85	NM-5 NM-7		5001
26S/24E-31F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	27S/24E-06P01 M	270.0	10/10/84 02/13/85	246.0(9) NM-7	24.0	5001
26S/24E-31H01 M	269.0	10/10/84 02/13/85 09/30/85	NM-7 197.0(9) NM-7	72.0	5001	27S/24E-06R01 M	275.0	10/10/84 02/13/85	NM-7 211.2(9)	63.6	5001
26S/24E-31P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	27S/24E-08F01 M		10/10/84 02/13/85	NM-7 NM-7		5001
26S/24E-31R01 M	273.0	10/10/84 02/13/85 09/30/85	241.7(9) NM-7 235.7(9)	31.3 37.3	5001	27S/24E-18A01 M	277.0	10/04/84 01/31/85	255.0(9) 220.0(9)	22.0 57.0	5050
27S/22E-02R01 M		10/26/84	NM-3		5001	27S/24E-18R01 M	279.0	10/04/84 01/31/85	256.0(9) 226.0(9)	23.0 53.0	5050
27S/22E-03H01 M	255.0	10/26/84 01/30/85	186.0 191.0	69.0 64.0	5001	27S/24E-19P01 M	284.0	10/05/84 01/28/85	254.5(9) 242.5(9)	29.5 41.5	5001
27S/22E-20P01 M	240.0	11/01/84 02/04/85	NM-9 7.0	233.0	5001	27S/24E-20R01 M	290.0	10/04/84 01/31/85	259.0(9) 242.0(9)	31.0 48.0	5050
27S/22E-21P01 M	240.0	11/01/84 02/04/85	NM-9 16.5	223.5	5001	27S/24E-30F01 M		10/10/84 02/14/85	NM-7 NM-1		5001
27S/22E-21R01 M	235.0	11/01/84 02/04/85	28.0 28.0	207.0 207.0	5001	27S/24E-30H01 M		10/10/84 02/14/85	NM-7 NM-1		5001
27S/22E-28G02 M	246.0	11/01/84 02/04/85	15.0 14.0	231.0 232.0	5001	27S/24E-30P01 M		10/10/84 02/14/85	NM-7 NM-1		5001
27S/22E-36R01 M	267.0	11/01/84 02/04/85	113.0(8) NM-8	174.0	5001	27S/24E-30R01 M	285.0	10/10/84 02/14/85	263.0(9) NM-1	22.0	5001
27S/23E-01R05 M		10/26/84 02/01/85	NM-6 NM-7		5001 5133	27S/24E-31001 M	292.0	10/05/84 01/28/85	283.0(9) 260.0(9)	9.0 32.0	5001
27S/23E-02H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	28S/22E-09001 M	240.0	10/10/84 02/09/85	6.5 3.5	233.5 236.5	5001
27S/23E-02L01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	28S/22E-09002 M	240.0	10/10/84 02/09/85	6.5 3.5	233.5 236.5	5001
27S/23E-02P01 M	259.0	10/10/84 02/13/85 09/30/85	176.8(9) NM-7 NM-7	82.2	5001	28S/22E-14H01 M	250.0	10/10/84 02/09/85	13.0 11.0	237.0 239.0	5001
27S/23E-02R01 M	260.0	10/10/84 02/13/85 09/30/85	NM-2 215.0(9) NM-7	45.0	5001	28S/22E-14N01 M	247.0	10/10/84 02/09/85	NM-1 9.0	238.0	5001
27S/23E-04H02 M	245.0	10/26/84 02/01/85	276.0 217.0	-31.0 28.0	5001	28S/22E-15L01 M	246.0	10/10/84 02/09/85	7.0 4.0	239.0 242.0	5001
27S/23E-09C01 M	260.0	10/30/84 02/01/85	240.0 237.0	20.0 23.0	5001	28S/22E-25K01 M	255.0	01/15/85 09/12/85	23.8 11.6	231.2 243.4	5001
27S/23E-10J01 M	264.0	10/30/84 02/01/85	242.5 231.5	21.5 32.5	5001	28S/23E-03G01 M	250.0	10/04/84 02/01/85	225.0(9) 205.0(9)	25.0 45.0	5050
27S/23E-12R01 M	270.0	10/01/84 01/31/85	249.0(9) 218.0(9)	21.0 52.0	5050	28S/23E-03J02 M	250.0	10/04/84 02/01/85	238.0(9) 211.0(9)	12.0 39.0	5050
27S/23E-13H01 M	271.0	10/01/84 01/31/85	249.0(9) 226.0(9)	22.0 45.0	5050	28S/23E-03P01 M	255.0	11/01/84 02/08/85	186.5 170.5	68.5 84.5	5001
27S/23E-13R01 M	275.0	10/01/84 01/31/85	258.0(9) 225.0(9)	17.0 50.0	5050	28S/23E-03R02 M	253.0	10/04/84 02/01/85	NM-1 192.0(9)		5001 5050
27S/23E-14K01 M	275.0	10/30/84 02/01/85	NM-3 250.0	25.0	5001	28S/23E-04H01 M	250.0	10/04/84 02/01/85	223.0(9) 207.0(9)	27.0 43.0	5050
27S/23E-15G01 M	271.0	10/30/84 02/01/85	274.0 NM-9	-3.0	5001	28S/23E-10H01 M	272.0	10/04/84 02/01/85	242.0(9) 222.0(9)	30.0 50.0	5050
27S/23E-16E01 M	276.5	10/30/84 02/01/85	243.5 248.5	33.0 28.0	5001	28S/23E-11E02 M	253.0	11/01/84 02/08/85	25.5 32.5	227.5 270.5	5001
27S/23E-16N01 M	281.0	10/30/84 02/01/85	279.0 252.0	2.0 29.0	5001	28S/23E-12J01 M	281.0	11/01/84 02/09/85	50.0 63.0	231.0 218.0	5001
27S/23E-24001 M	283.0	10/01/84 01/31/85	NM-1 246.0(9)		5001 5050	28S/23E-14R01 M	260.0	11/01/84 02/08/85	29.0 NM-7	231.0	5001
27S/23E-31P01 M		11/01/84 02/04/85	NM-3 NM-3		5001	28S/23E-16K01 M	285.0	11/01/84 02/08/85	NM-9 123.0		5001
27S/23E-33J01 M	249.0	10/01/84 11/01/84 01/31/85 02/05/85	233.0(9) NM-4 204.0 205.0	16.0 45.0 44.0	5050 5001 5050	28S/23E-20N01 M	256.0	01/15/85 09/12/85	10.7 10.9	245.3 245.1	5001
27S/23E-36A02 M		11/01/84	NM-1		5001	28S/23E-24J01 M	263.0	10/12/84 02/08/85	50.0 NM-1	213.0	5001
						28S/23E-24N01 M	268.0	10/12/84 02/08/85	38.0 NM-1	230.0	5001
						28S/23E-30J01 M	255.0	10/10/84 02/08/85	12.0 21.0	244.0 235.0	5001
						28S/23E-31R01 M	257.6	01/15/85 09/12/85	26.8 23.2	231.0 234.6	5001
						28S/23E-34001 M		10/10/84 02/08/85	NM-4 219.0		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA					C C-01 C-01.R	TULARE LAKE HB SOUTH VALLEY FLOOR HU SEMITROPIC HA				
28S/24E-04C01 M	296.0	10/05/84 01/28/85	263.5(9) 250.5(9)	32.5 45.5	5001	29S/24E-31R01 M	278.5	09/12/85	81.3	197.2	5001
28S/24E-06R01 M	292.1	11/01/84 02/05/85	NM-1 269.0	23.1	5001	29S/24E-32R01 M	280.7	01/15/85 09/12/85	72.0 74.6	208.7 206.1	5001
28S/24E-08R01 M		11/01/84 02/05/85	NM-3 NM-1		5001	29S/24E-33P01 M	281.5	01/15/85 09/12/85	84.0 80.0	197.5 221.5	5001
28S/24E-17A01 M	300.0	10/05/84 01/28/85	262.0(9) 267.0(9)	38.0 33.0	5001	30S/24E-06R01 M	278.0	01/15/85 09/12/85	78.4 108.9	199.6 169.1	5001
28S/24E-28A01 M	301.1	10/30/84 02/05/85	260.5 NM-1	40.6	5001	C-01.T NORTH KERN HA					
28S/24E-30F01 M	264.0	10/05/84 01/28/85	74.5 77.5(9)	189.5 186.5	5001	25S/24E-12D02 M	245.0	10/05/84 01/29/85	27.0 46.0	218.0 199.0	5001
28S/25E-19C01 M	317.5	10/03/84 01/30/85	228.5 222.5	89.0 95.0	5001	25S/24E-12H01 M	253.0	10/05/84 01/29/85	69.5 63.5	183.5 189.5	5001
28S/25E-30J01 M	318.0	10/04/84 01/30/85	220.0 214.0	98.0 104.0	5001	25S/24E-13P02 M	262.0	10/05/84 01/29/85	73.0 47.0	189.0 219.0	5001
28S/25E-32F01 M	320.0	11/01/84 02/04/85	238.0 NM-4	82.0	5001	25S/24E-24K03 M	266.0	10/05/84 01/28/85 09/30/85	78.5(9) 71.5(9) 81.5	187.5 194.5 184.5	5001
28S/25E-34J01 M	325.0	10/04/84 01/30/85	196.5 188.5	128.5 136.5	5001	25S/25E-04R01 M	278.0	10/05/84 01/29/85	NM-1 26.0		5001
29S/22E-01A01 M	252.1	01/15/85 09/12/85	12.7 10.4	239.4 241.7	5001	25S/25E-07R01 M	263.0	10/05/84 01/29/85	70.0 22.0	193.0 241.0	5001
29S/23E-02J01 M	295.0	10/12/84 02/05/85	219.0 225.0	76.0 70.0	5001	25S/25E-10J01 M		10/05/84 01/29/85	NM-4 NM-4		5001
29S/23E-03L01 M	265.0	10/12/84 02/05/85	29.0 50.0	236.0 215.0	5001	25S/25E-15C01 M	289.0	10/01/84 01/28/85	71.0(9) 37.0(9)	218.0 252.0	5050
29S/23E-04P02 M	261.0	10/12/84 02/05/85	21.5 38.5	239.5 222.5	5001	25S/25E-19R03 M	277.0	10/09/84 01/22/85	210.5 141.5	86.5 135.5	5001
29S/23E-05D01 M	255.0	10/12/84 02/05/85	20.0 24.0	235.0 231.0	5001	25S/25E-20R01 M	284.0	10/05/84 01/29/85	144.5 43.5	139.5 240.5	5001
29S/23E-07Q01 M	257.0	10/12/84 02/05/85	24.0 NM-9	233.0	5001	25S/25E-21A01 M	286.0	10/01/84 01/28/85	46.0(9) 38.0(9)	240.0 248.0	5050
29S/23E-08A01 M	260.3	01/15/85 09/12/85	56.9 56.6	203.4 203.7	5001	25S/25E-22D02 M	288.0	10/05/84 01/29/85	187.5 103.5	98.5 182.5	5001
29S/23E-10Q01 M	263.5	01/15/85 09/12/85	72.8 77.3	190.7 186.2	5001	25S/25E-26H02 M		10/05/84 01/29/85	NM-3 NM-3		5001
29S/23E-17H03 M	263.8	01/15/85 09/12/85	27.2 23.0	236.6 240.8	5001	25S/25E-28R01 M	301.0	10/05/84 01/29/85	174.0 158.0	127.0 143.0	5001
29S/23E-22R01 M	267.5	10/12/84 02/05/85	42.0 53.0	225.5 214.5	5001	25S/25E-29R01 M	294.5	10/05/84 01/29/85	114.5 100.5	180.0 194.0	5001
29S/23E-24P01 M		01/15/85 09/12/85	NM-7 85.8		5001	25S/25E-29R02 M	295.0	10/05/84 01/22/85	NM-4 134.5		5001
29S/23E-27M01 M	270.0	10/12/84 02/05/85	49.0 48.0	221.0 222.0	5001	25S/25E-32L01 M	298.5	10/05/84 01/29/85	209.5 134.5	89.0 164.0	5001
29S/24E-04E01 M	275.0	10/12/84 02/01/85	127.0 130.0	148.0 145.0	5001	25S/25E-35A01 M	318.0	10/05/84 01/29/85	81.0 63.0	237.0 255.0	5001
29S/24E-05J01 M	275.0	10/12/84 02/01/85	202.0 206.0	73.0 69.0	5001	25S/25E-35P02 M	322.0	10/05/84 01/29/85	155.0 124.0	167.0 198.0	5001
29S/24E-07C01 M	303.0	10/12/84 02/01/85	234.5 236.5	68.5 66.5	5001	25S/25E-36C02 M	318.0	10/09/84 01/22/85	149.0 121.0	169.0 197.0	5001
29S/24E-09F01 M	280.0	10/03/84 01/29/85	196.0(9) 188.0(9)	84.0 92.0	5050	25S/25E-36R02 M	335.0	10/05/84 01/29/85	157.0 158.0	178.0 177.0	5001
29S/24E-09H01 M	280.0	10/03/84 01/29/85	194.0(9) 185.0(9)	86.0 95.0	5050	25S/26E-01Q01 M	504.2	10/04/84 02/01/85	221.0 215.0	283.2 289.2	5001
29S/24E-09R01 M	285.0	10/03/84 01/29/85	198.0(9) 189.0(9)	87.0 96.0	5050	25S/26E-02M01 M	452.0	10/04/84 02/01/85	209.5 193.5	242.5 258.5	5001
29S/24E-14A01 M	295.0	10/03/84 01/29/85	205.0(9) 185.0(9)	90.0 110.0	5050	25S/26E-03C02 M	433.2	10/04/84 02/01/85	166.0 150.0	267.2 283.2	5001
29S/24E-14R02 M	291.0	10/12/84 02/01/85	182.5 198.5	108.5 92.5	5001	25S/26E-03M01 M	422.0	10/04/84 02/01/85	NM-9 149.5		5001
29S/24E-15H01 M	285.0	10/03/84 01/29/85	196.0(9) NM-1	89.0	5050	25S/26E-04A01 M	417.5	10/04/84 02/01/85	139.0 127.0	278.5 290.5	5001
29S/24E-15Q01 M	290.0	10/12/84 02/01/85	204.5 208.5	85.5 81.5	5001	25S/26E-04A02 M	420.0	10/04/84 02/04/85	182.0 153.0	238.0 267.0	5001
29S/24E-18A01 M	299.5	10/12/84 02/01/85	210.5 217.5	89.0 82.0	5001	25S/26E-05A03 M	395.0	10/04/84 02/04/85	98.0 95.0	297.0 300.0	5001
29S/24E-18R01 M	299.0	10/12/84 02/01/85	202.0 210.0	97.0 89.0	5001	25S/26E-05Q02 M	379.0	10/04/84 02/04/85	183.9 180.5	195.5 198.5	5001
29S/24E-28Q02 M	282.0	10/12/84 02/01/85	NM-9 103.0		5001	25S/26E-06G01 M	362.5	10/04/84 02/04/85	189.0 139.0	173.5 223.5	5001
29S/24E-30P01 M	277.8	01/15/85 09/12/85	70.8 NM-1	207.0	5001	25S/26E-07C01 M	356.0	10/09/84 01/29/85	81.0 NM-2	275.0	5001
29S/24E-31R01 M	278.5	01/15/85	75.1	203.4	5001	25S/26E-07P01 M	343.0	10/09/84 01/29/85	107.0 166.0	236.0 177.0	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE M8 SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE M8 SOUTH VALLEY FLOOR HU NORTH KERN HA				
25S/26E-10R03 M	430.0	10/04/84 02/01/85	196.5 174.5	233.5 235.5	5001	26S/24E-33P01 M		10/10/84 02/13/85 09/30/85	NM-7 207.4(9) 238.4(9)		5001
25S/26E-11A02 M		10/04/84 02/01/85	NM-1 NM-9		5001	26S/24E-33R01 M	289.5	10/01/84 10/10/84 01/28/85 02/13/85 09/30/85	250.5 240.6(9) 198.5 NM-1 241.5	39.0 48.9 91.0 48.0	5001
25S/26E-12M01 M	489.5	10/09/84 02/01/85	250.5 232.5	239.0 257.0	5001	26S/24E-34F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-1		5001
25S/26E-14A01 M	472.0	10/09/84 02/01/85	220.0 201.0	252.0 271.0	5001	26S/24E-34M01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-2		5001
25S/26E-16J01 M	407.0	10/09/84 02/01/85	NM-9 208.5	198.5	5001	26S/24E-34P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-2		5001
25S/26E-16P01 M	388.0	10/01/84 01/31/85	118.5(9) 64.5(9)	269.5 323.5	5001	26S/24E-34R01 M	301.0	10/01/84 10/10/84 01/28/85 02/13/85 09/30/85	254.0 245.0(9) 203.0 209.0 NM-2	47.0 56.0 98.0 92.0	5001
25S/26E-16P02 M	388.0	10/01/84 01/31/85	201.0(9) 171.0(9)	187.0 217.0	5001	26S/24E-35F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001
25S/26E-17C01 M	362.0	10/09/84 02/01/85	101.0 73.0	261.0 289.0	5001	26S/24E-35H01 M	311.0	10/01/84 10/10/84 01/28/85 02/13/85 09/30/85	252.5 242.5(9) 201.5 168.5(9) 240.5	58.5 68.5 109.5 142.5 70.4	5001
25S/26E-19R01 M	340.0	10/09/84 01/29/85	73.0 NM-4	267.0	5001	26S/24E-35R02 M	314.5	10/05/84 01/28/85 09/30/85	248.0(9) 216.0(9) 244.0	66.5 98.5 70.5	5001
25S/26E-19J01 M	351.0	10/09/84 01/29/85	65.0 89.0	286.0 262.0	5001	26S/24E-36P02 M	319.0	10/01/84 01/28/85 09/30/85	243.5 196.5 232.5	75.5 122.5 86.5	5001
25S/26E-22G01 M	433.0	10/09/84 02/01/85	202.0 186.0	231.0 247.0	5001	26S/25E-03R01 M	331.0	10/01/84 01/30/85	147.0 134.0	184.0 197.0	5001
25S/26E-28H02 M	415.0	10/09/84 01/29/85	127.0 121.0	288.0 294.0	5001	26S/25E-04R01 M		10/09/84 01/30/85	NM-4 NM-4		5001
25S/26E-28J02 M	417.0	10/09/84 01/29/85	145.0 128.0	272.0 289.0	5001	26S/25E-05A01 M		10/09/84	NM-4		5001
25S/26E-30A01 M	352.0	10/09/84 01/30/85	140.0 120.0	212.0 232.0	5001	26S/25E-05C01 M	302.0	10/09/84 01/30/85	141.0 131.0	161.0 171.0	5001
25S/26E-30J01 M	351.3	10/09/84 01/30/85	134.0 113.0	217.3 238.3	5001	26S/25E-07F01 M	301.0	10/01/84 01/28/85	236.8(9) 172.8	64.2 128.2	5001
25S/26E-34P01 M	462.0	10/09/84 01/30/85	255.0 NM-4	207.0	5001	26S/25E-07H01 M	309.3	10/01/84 01/28/85	229.9(9) 192.9(9)	79.4 126.4	5001
25S/27E-06R01 M		10/01/84 02/01/85	NM-7 440.0(9)		5001 5050	26S/25E-07P01 M	304.4	10/01/84 01/28/85	235.0(9) 173.0(9)	69.4 131.4	5001
25S/27E-07J01 M		10/01/84 02/01/85	NM-7 391.0(9)		5001 5050	26S/25E-07R01 M	311.9	10/01/84 01/28/85	225.8(9) 166.8(9)	86.1 145.1	5001
25S/27E-08J01 M		10/01/84 02/01/85	NM-7 442.0(9)		5001 5050	26S/25E-08F01 M		10/01/84 01/28/85	NM-1 166.7(9)		5001 5050
26S/24E-10R01 M	277.5	10/10/84 02/13/85 09/30/85	230.0(9) 187.0(9) NM-1	47.5 90.5	5001	26S/25E-08H01 M	319.9	10/01/84 01/28/85	199.2(9) 148.2(9)	120.7 171.7	5001
26S/24E-11H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 226.2		5001	26S/25E-08P01 M	315.5	10/01/84 01/28/85	240.9(9) 164.9(9)	74.6 150.6	5001
26S/24E-11P01 M	284.4	10/01/84 01/28/85 09/30/85	238.2 174.2(9) NM-6	44.3 108.3	5001	26S/25E-08R01 M		10/01/84 01/28/85	NM-4 NM-4		5001 5050
26S/24E-11P02 M	282.5	10/01/84 01/28/85 09/30/85	238.2 174.2(9) NM-6	44.3 108.3	5001	26S/25E-09F01 M		10/01/84 01/28/85	NM-1 151.9(9)		5001 5050
26S/24E-12M01 M	293.0	10/10/84 02/13/85 09/30/85	232.0(9) 173.0(9) NM-7	61.0 120.0	5001	26S/25E-09H01 M	324.6	10/01/84 01/28/85	192.2(9) 145.2(9)	145.6 182.6	5001
26S/24E-12P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/25E-09P01 M	327.8	10/01/84 01/28/85	192.2(9) 145.2(9)	145.6 182.6	5001
26S/24E-12R01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 226.4		5001	26S/25E-09R01 M	333.6	10/01/84 01/28/85	188.5(9) 145.5(9)	145.1 184.1	5001
26S/24E-24R01 M		10/10/84 02/13/85 09/30/85	NM-2 NM-7 NM-2		5001	26S/25E-12R01 M	345.0	10/09/84 01/30/85	194.0 NM-4	151.0	5001
26S/24E-25F01 M		10/10/84 02/13/85 09/30/85	NM-2 NM-7 NM-2		5001	26S/25E-14F01 M	342.5	10/01/84 01/28/85	197.5(9) 155.5(9)	145.0 167.0	5001
26S/24E-26P01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/25E-15P01 M	348.0	10/01/84 01/28/85	193.3(9) 156.3(9)	144.7 191.7	5001
26S/24E-26R02 M	305.0	10/10/84 02/13/85 09/30/85	239.0(9) 201.0(9) 246.0(9)	66.0 104.0 59.0	5001	26S/25E-15R01 M	352.3	10/01/84 01/28/85	198.6(9) 158.6(9)	153.7 193.7	5001
26S/24E-33F01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/25E-16F01 M		10/01/84 01/28/85	NM-1 150.7(9)		5001 5050
26S/24E-33H01 M		10/10/84 02/13/85 09/30/85	NM-7 NM-7 NM-7		5001	26S/25E-16H01 M	337.5	10/01/84 01/28/85	192.0(9) 152.0(9)	145.5 185.5	5001
						26S/25E-16R01 M	340.9	10/01/84	196.0(9)	144.9	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA				
26S/25E-16R01 M	340.9	01/28/85	195.0(9)	185.9	5050	26S/26E-13H01 M	633.0	11/07/84 03/05/85	529.4 516.7	103.6 116.3	5001
26S/25E-19F01 M	312.5	10/01/84 01/28/85	NM-1 178.5(9)	134.0	5050	26S/26E-13K01 M		10/01/84 01/30/85	NM-7 NM-5		5001 5050
26S/25E-19J01 M	321.0	10/01/84 01/28/85	NM-1 193.5(9)	127.5	5050	26S/26E-14H01 M		10/01/84 01/30/85	NM-7 NM-1		5001 5050
26S/25E-19P01 M	318.3	10/01/84 01/28/85	NM-1 184.0(9)	134.3	5050	26S/26E-17J01 M	420.0	10/09/84 01/30/85	NM-1 266.5	153.5	5001
26S/25E-19R01 M	323.0	10/01/84 01/28/85	NM-1 204.5(9)	118.5	5050	26S/26E-18E02 M	366.0	10/09/84 01/22/85	202.0 NM-1	164.0	5001
26S/25E-21K01 M	354.2	02/05/85	156.5	197.7	5001	26S/26E-21R01 M	474.0	10/01/84 01/30/85 01/31/85	NM-7 357.0(9) 358.0(9)	117.0 116.0	5001 5050 5001
26S/25E-22H01 M	356.5	10/01/84 01/28/85	196.1(9) 166.1(9)	160.4 190.4	5050	26S/26E-22E01 M	482.0	10/01/84 02/01/85	410.0 396.0	72.0 86.0	5001
26S/25E-23F01 M	361.0	10/01/84 01/28/85	NM-1 163.0(9)	198.0	5050	26S/26E-23D01 M		10/01/84 03/05/85	NM-0 NM-0		5001 7123
26S/25E-23H01 M	367.0	10/01/84 01/28/85	NM-1 170.5(9)	196.5	5050	26S/26E-24F01 M	620.0	10/01/84 11/08/84 01/30/85 03/05/85	NM-7 492.0 479.0(9) 479.0	128.0 141.0 141.0	5001 7123 5050 7123
26S/25E-24G01 M	372.4	10/09/84 01/30/85	180.5 189.5	191.9 182.9	5001	26S/26E-25A01 M	675.0	11/07/84 03/05/85	542.6 546.7	132.4 128.3	5001
26S/25E-24P01 M	376.0	10/09/84 01/30/85	135.5 78.5	240.5 297.5	5001	26S/26E-26A01 M	580.0	10/01/84 01/30/85	NM-7 505.0(9)	75.0	5001 5050
26S/25E-24Q02 M	376.0	10/01/84 01/28/85	201.0(9) 178.0(9)	175.0 198.0	5050	26S/26E-27A01 M	537.0	10/01/84 02/01/85	474.0 460.0	63.0 77.0	5001
26S/25E-25F01 M	378.0	10/01/84 01/28/85	221.3(9) 196.3(9)	156.7 181.7	5050	26S/26E-27D01 M	482.5	10/01/84 02/01/85	417.5 399.5	65.0 83.0	5001
26S/25E-25H01 M	383.0	10/01/84 01/28/85	237.4(9) 212.4(9)	145.6 170.6	5050	26S/26E-27H01 M		10/01/84 01/30/85 01/31/85	NM-7 NM-4 NM-4		5001 5050
26S/25E-25P01 M	383.3	10/01/84 01/28/85	208.3(9) 195.3(9)	175.0 188.0	5050	26S/26E-27N01 M		10/01/84 01/30/85 01/31/85	NM-7 NM-4 NM-4		5001 5050
26S/25E-25R01 M	387.5	10/01/84 01/28/85	217.0(9) NM-1	170.5	5050	26S/26E-28F01 M	412.0	10/04/84 01/31/85 09/30/85	NM-1 296.5(9) 297.5	115.5 114.5	5001
26S/25E-26N01 M	369.7	02/04/85	168.3	201.4	5001	26S/26E-32M01 M	405.0	10/01/84 03/05/85	260.7 239.0	145.3 167.0	5001
26S/25E-26N02 M	371.9	02/05/85	179.9	192.0	5001	26S/26E-34A01 M	540.0	10/01/84	446.0	94.0	7123
26S/25E-27B01 M	357.8	02/04/85	171.8	186.0	5001	26S/26E-34F01 M	520.0	02/01/85	437.2	82.8	7123
26S/25E-27J01 M	363.0	02/04/85	177.7	187.3	5001	26S/26E-35H01 M	610.0	10/01/84 01/30/85 01/31/85	NM-7 518.0(9) 517.0(9)	92.0 93.0	5001 5050
26S/25E-27N01 M	354.0	02/05/85	165.0	189.0	5001	26S/26E-35P01 M	592.0	10/01/84 01/30/85 01/31/85	NM-7 493.0(9) 493.0(9)	99.0 99.0	5001 5050
26S/25E-27Q01 M	362.0	02/05/85	164.7	197.3	5001	26S/26E-35R01 M	621.0	10/01/84 01/30/85 01/31/85	NM-7 516.0(9) 515.0(9)	105.0 106.0	5001 5050
26S/25E-28Q01 M	347.0	02/05/85	187.5	159.5	5001	26S/26E-36B01 M	660.0	10/01/84 02/01/85	483.0 469.0	177.0 191.0	7123 5001
26S/25E-30H01 M	325.6	02/05/85	174.2	151.4	5001	26S/26E-36J01 M	680.0	10/01/84 01/30/85 01/31/85	NM-7 517.0(9) 517.0(9)	163.0 163.0	5001 5050
26S/25E-31F01 M	327.2	10/01/84 01/28/85	243.5(9) 196.5(9)	83.7 130.7	5050	26S/27E-18L01 M		10/01/84 01/30/85	NM-7 NM-1		5001 5050
26S/25E-31P02 M	330.0	10/01/84 01/28/85	249.9(9) 203.9(9)	80.1 126.1	5050	26S/27E-31K01 M	720.0	11/07/84 03/05/85	576.5 550.8	143.5 169.2	5001
26S/25E-31R01 M	336.6	10/01/84 01/28/85	245.1(9) 205.1(9)	91.5 131.5	5050	26S/27E-31Q01 M	730.0	10/01/84 01/30/85	NM-7 568.0(9)	162.0	5001 5050
26S/25E-34J01 M	370.9	02/05/85	186.5	184.4	5001	27S/24E-01L02 M	322.0	10/01/84 01/28/85 09/30/85	230.5 208.5 221.5	91.5 113.5 100.5	5001
26S/25E-34R01 M	373.0	02/05/85	188.0	185.0	5001	27S/24E-01L03 M	322.0	10/01/84 01/28/85 09/30/85	229.5 236.5 222.5	92.5 85.5 99.5	5001
26S/25E-35R01 M	378.7	02/04/85	162.5	216.2	5001	27S/24E-01L04 M	322.0	10/01/84 01/28/85 09/30/85	230.5 209.5 221.5	91.5 112.5 100.5	5001
26S/25E-35E01 M	368.0	02/05/85	183.5	184.5	5001	27S/24E-01M01 M	322.0	10/04/84 01/31/85	229.0(9) 233.0(9)	93.0 89.0	5050
26S/25E-36E01 M	385.1	02/04/85	189.5	195.6	5001	27S/24E-C3L03 M	301.0	10/01/84 01/28/85 09/30/85	243.0 199.0 234.0	58.0 102.0 67.0	5001
26S/25E-36L01 M	392.5	02/04/85	196.5	196.0	5001	27S/24E-C4C01 M		10/10/84	NM-7		5001
26S/26E-01H01 M	600.0	10/01/84 01/30/85	NM-7 439.0(9)	161.0	5050						
26S/26E-02A02 M		10/01/84 01/30/85	NM-7 NM-4		5001 5050						
26S/26E-04R01 M		10/09/84 01/30/85	NM-4 NM-4		5001						
26S/26E-06H02 M	373.0	10/09/84 01/30/85	175.0 140.0	199.0 233.0	5001						
26S/26E-08H02 M	416.0	10/09/84 01/30/85	252.0 235.0	164.0 181.0	5001						
26S/26E-12B01 M	607.0	11/07/84 03/05/85	499.1 493.5	107.9 113.5	5001						
26S/26E-12F01 M	573.0	10/01/84 01/30/85	NM-7 525.0(9)	48.0	5001 5050						
26S/26E-12Q01 M	596.0	10/01/84 01/30/85	NM-7 501.0(9)	95.0	5001 5050						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA				
27S/24E-04C01 M		02/13/85	NM-7		5001	27S/24E-34F01 M	309.7	02/14/85 09/30/85	248.2(9) 246.0	57.5 59.7	5001
27S/24E-04G01 M		10/10/84 02/13/85	NM-7 NM-7		5001	27S/24E-35C01 M	321.8	10/10/84 02/14/85	267.0(9) NM-1	54.4	5001
27S/24E-04H01 M	292.7	10/01/84 10/10/84 01/28/85 02/13/85 09/30/85	269.5 232.2(9) 201.5 205.2(9) 260.5	23.2 60.5 91.2 87.5 32.2	5001	27S/24E-35J01 M	320.0	10/01/84 10/10/84 01/29/85 02/14/85 09/30/85	251.0 NM-7 236.0 NM-7 247.0	69.0 84.0 73.0	5001
27S/24E-04P01 M	289.2	10/10/84 02/13/85	NM-7 190.6(9)	98.6	5001	27S/24E-35K01 M		10/10/84 02/14/85	NM-7 NM-2		5001
27S/24E-04R01 M		10/10/84 02/13/85	NM-7 NM-7		5001	27S/24E-36L01 M	324.0	10/02/84 01/29/85	256.5 236.5	67.5 87.5	5001
27S/24E-05F01 M		10/10/84 02/13/85	NM-7 NM-1		5001	27S/25E-01N01 M	394.0	10/04/84 01/31/85	90.0 92.0	304.0 302.0	5050
27S/24E-05H01 M	282.0	10/01/84 10/10/84 01/28/85 02/13/85 09/30/85	250.0 244.1(9) 199.0 NM-1 243.0	32.0 37.9 83.0 39.0	5001	27S/25E-01N02 M	395.0	02/04/85	211.9	183.1	5001
27S/24E-05P01 M		10/10/84 02/13/85	NM-7 NM-1		5001	27S/25E-01N03 M	394.0	10/04/84 01/31/85	247.0 219.0	147.0 175.0	5050
27S/24E-05R01 M		10/10/84 02/13/85	NM-7 NM-1		5001	27S/25E-01001 M	404.0	02/04/85	209.0	195.0	5001
27S/24E-08H01 M		10/10/84 02/13/85	NM-7 NM-1		5001	27S/25E-03H01 M	372.0	02/05/85	190.0	182.0	5001
27S/24E-08R01 M		10/10/84 02/13/85	NM-7 NM-1		5001	27S/25E-03J02 M	373.0	10/04/84 01/31/85	232.0(9) 207.0(9)	141.0 166.0	5050
27S/24E-10G01 M	301.0	10/01/84 01/28/85 09/30/85	248.0 205.0 239.0	53.0 96.0 62.0	5001	27S/25E-04H01 M	361.0	10/04/84 01/31/85	233.5(9) 202.5(9)	127.5 154.5	5050
27S/24E-11F01 M	316.0	10/01/84 01/28/85 09/30/85	249.5 NM-1 NM-1	66.5	5001	27S/25E-05H01 M	350.7	10/04/84 01/31/85	246.5 213.5	104.2 137.2	5050
27S/24E-13D01 M	324.0	10/01/84 01/28/85 09/30/85	262.0 230.0 249.0	62.0 94.0 75.0	5001	27S/25E-07L01 M	342.0	10/02/84 01/28/85	253.5 220.5	88.5 121.5	5001
27S/24E-14F01 M	316.0	10/01/84 01/28/85 09/30/85	252.0 215.0 244.0	64.0 101.0 72.0	5001	27S/25E-10B01 M	376.1	02/05/85	221.9	154.2	5001
27S/24E-16H01 M	300.2	10/04/84 01/31/85	251.4(9) 220.4(9)	48.8 79.8	5050	27S/25E-10J01 M	379.7	10/04/84 01/31/85	241.2(9) 216.2	138.5 163.5	5050
27S/24E-16P01 M	295.7	10/04/84 01/31/85	254.7(9) 222.7(9)	41.0 73.0	5050	27S/25E-10L01 M	375.0	02/05/85	214.5	160.5	5001
27S/24E-16R01 M	301.9	10/04/84 01/31/85	279.0(9) 248.0(9)	22.9 53.9	5050	27S/25E-10N01 M	374.3	02/05/85	217.5	156.8	5001
27S/24E-23F03 M	320.0	10/01/84 01/28/85 09/30/85	256.5 224.5 249.5	63.5 95.5 70.5	5001	27S/25E-10R01 M	382.8	10/04/84 01/31/85	232.4(9) 214.4(9)	150.4 168.4	5050
27S/24E-23G02 M	323.0	10/04/84 01/31/85	230.5(9) 210.5(9)	92.5 103.5	5050	27S/25E-15F01 M	380.9	10/04/84 01/31/85	250.1(9) 226.1(9)	130.8 154.8	5050
27S/24E-24L02 M	331.0	10/01/84 01/28/85 09/30/85	258.0 227.0 251.0	73.0 104.0 80.0	5001	27S/25E-15H01 M	387.0	10/04/84 01/31/85	266.3(9) 234.3(9)	120.7 152.7	5050
27S/24E-25R02 M	334.0	10/01/84 01/28/85 09/30/85	NM-1 230.0 247.0	104.0 87.0	5001	27S/25E-15J01 M	389.1	10/04/84 01/31/85	274.0(9) 252.0(9)	115.1 137.1	5050
27S/24E-26F01 M	316.3	10/10/84 02/13/85	265.5(9) 241.5(9)	50.8 74.8	5001	27S/25E-15L01 M	381.5	10/04/84 01/31/85	264.5(9) 243.5(9)	117.0 138.0	5050
27S/24E-26P01 M		10/10/84 02/14/85	NM-7 NM-2		5001	27S/25E-16H01 M	374.2	02/05/85	225.1	149.1	5001
27S/24E-26R02 M	322.1	10/01/84 10/10/84 01/28/85 02/14/85 09/30/85	261.0 NM-7 231.0 NM-7 254.0	61.1 91.1 68.1	5001	27S/25E-16001 M	375.7	02/05/85	228.5	147.2	5001
27S/24E-27H01 M		10/01/84 10/10/84 01/29/85 02/14/85 09/30/85	NM-1 NM-2 237.0 NM-2 NM-2		5001	27S/25E-18P01 M	345.0	10/02/84 01/28/85	252.6 219.6	92.4 125.4	5001
27S/24E-27R01 M		10/10/84 02/14/85	NM-2 NM-2		5001	27S/25E-19N01 M	339.0	10/02/84 01/28/85	253.0 228.0	86.0 111.0	5001
27S/24E-28H01 M	301.0	10/01/84 01/29/85 09/30/85	NM-1 232.0 NM-1	69.0	5001	27S/25E-19N03 M	337.0	10/02/84 01/29/85	NM-1 232.5	104.5	5001
27S/24E-33A01 M	300.5	10/04/84 01/31/85	262.5(9) NM-1	38.0	5050	27S/25E-20L01 M		10/02/84 01/28/85	NM-1 NM-2		5001
27S/24E-34F01 M	305.7	10/01/84 10/10/84 01/29/85	250.0 183.2(9) 233.0	55.7 122.5 72.7	5001	27S/25E-21B01 M	373.5	10/04/84 01/31/85	262.2(9) 243.2(9)	111.3 130.3	5050
						27S/25E-21K01 M		10/04/84 01/31/85	NM-1 NM-7		5001 5050
						27S/25E-22A02 M	391.0	10/04/84 01/31/85	269.0(9) 248.0(9)	122.0 143.0	5050
						27S/25E-22C01 M	392.2	10/04/84 01/31/85	260.2(9) 234.2(9)	122.0 148.0	5050
						27S/25E-22J01 M	391.5	10/04/84 01/31/85	269.3(9) 241.3(9)	122.2 150.2	5050
						27S/25E-22L01 M		10/04/84 01/31/85	NM-4 NM-7		5001 5050
						27S/25E-23A01 M	405.1	02/05/85	250.0	155.1	5001
						27S/25E-23C01 M	399.8	02/05/85	244.0	155.4	5001
						27S/25E-24C01 M	410.6	02/05/85	250.0	160.6	5001
						27S/25E-25A01 M	414.1	10/04/84 01/31/85	273.0(9) 264.0(9)	145.1 154.1	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA				
27S/25E-25C01 M	409.9	10/04/84 01/31/85	267.3(9) 254.3(9)	142.6 135.6	5050	27S/26E-07F01 M	419.7	02/04/85	243.5	176.2	5001
27S/25E-25J01 M	413.6	10/04/84 01/31/85	267.1(9) 253.1(9)	146.5 160.5	5050	27S/26E-07P01 M	422.4	02/04/85	245.9	176.5	5001
27S/25E-26801 M	397.0	10/04/84 01/31/85	257.9(9) 240.9(9)	139.1 156.1	5050	27S/26E-07R01 M	433.4	10/04/84 01/28/85	286.8(9) 262.8(9)	146.6 170.6	5050
27S/25E-26601 M	400.4	10/04/84 01/31/85	263.8(9) 264.8(9)	136.6 135.6	5050	27S/26E-08F01 M	430.0	10/04/84 01/28/85	302.0 264.0(9)	129.0 166.0	5050
27S/25E-26K01 M	396.8	10/04/84 01/31/85	NM-1 244.4(9)		5001 5050	27S/26E-08001 M	442.5	10/04/84 01/28/85	299.4(9) 269.4(9)	143.1 173.1	5050
27S/25E-27A01 M	388.4	10/04/84 01/31/85	267.9(9) 255.9(9)	120.5 132.5	5050	27S/26E-09601 M	480.0	10/01/84 02/01/85	331.0 308.0	149.0 172.0	5001
27S/25E-27C01 M	383.3	10/04/84 01/31/85	NM-1 236.5		5001 5050	27S/26E-10J01 M	560.0	10/01/84 02/01/85	422.5 390.5	137.5 169.5	5001
27S/25E-27P01 M	373.0	10/02/84 01/28/85	239.0 223.0	134.0 150.0	5001	27S/26E-12H01 M	680.0	10/04/84 01/30/85	NM-7 484.0(9)		5001 5050
27S/25E-28A01 M	375.0	10/04/84 01/31/85	259.0 238.0	116.0 137.0	5050	27S/26E-13F01 M	621.0	11/05/84 03/05/85	530.5 521.6	90.5 99.4	5001
27S/25E-28F01 M	368.8	10/02/84 01/28/85	251.0 229.0	117.8 139.8	5001	27S/26E-14A01 M	597.0	10/01/84 02/01/85	479.0 475.0	118.0 122.0	5001
27S/25E-29H03 M	363.0	10/02/84 01/28/85	250.5 229.5	112.5 133.5	5001	27S/26E-14J01 M	568.0	10/04/84 01/30/85	NM-7 472.0(9)		5001 5050
27S/25E-30A02 M	350.0	10/02/84 01/28/85	249.0 229.0	101.0 121.0	5001	27S/26E-14PC1 M	533.0	10/01/84 02/01/85	466.0 461.0	67.0 72.0	5001
27S/25E-31602 M	345.0	10/02/84 01/28/85	252.8 233.8	92.2 111.2	5001	27S/26E-15L01 M		10/04/84 01/30/85	NM-7 NM-3		5001 5050
27S/25E-32L01 M	351.0	10/02/84 01/29/85	NM-1 236.5		5001	27S/26E-15R01 M	515.0	10/01/84 02/01/85	413.0 385.0	102.0 130.0	5001
27S/25E-33R02 M	365.0	10/02/84 01/28/85	247.0 224.0	118.0 141.0	5001	27S/26E-16P01 M	470.0	11/09/84 03/05/85	283.5 283.8	186.5 186.2	5001
27S/25E-34A02 M	384.4	10/04/84 01/31/85	264.5(9) 230.5	119.9 153.9	5050	27S/26E-17D01 M	440.0	10/01/84 02/01/85	362.5 269.5	77.5 170.5	5001
27S/25E-34L01 M	373.0	10/02/84 01/28/85	237.5 226.5	135.5 146.5	5001	27S/26E-17H01 M	448.0	10/04/84 01/30/85	320.0(9) 285.0(9)	128.0 163.0	5001
27S/25E-35A01 M	393.1	10/04/84 01/31/85	255.9(9) 242.9(9)	137.2 150.2	5050	27S/26E-17P01 M	448.0	10/01/84 02/01/85	299.5 285.5	148.5 162.5	5001
27S/25E-35C01 M	390.6	10/04/84 01/31/85	253.6(9) 235.6(9)	137.0 155.0	5050	27S/25E-18E01 M	422.0	02/04/85	259.5	162.5	5001
27S/25E-35L01 M	384.6	10/04/84 01/31/85	239.3(9) 225.3(9)	145.3 159.3	5050	27S/26E-18P01 M	431.0	10/04/84 01/28/85	293.0(9) 276.0(9)	138.0 155.0	5050
27S/25E-36A01 M	412.6	10/04/84 01/31/85	263.8(9) 249.8(9)	148.8 162.8	5050	27S/26E-19E02 M	421.9	02/04/85	283.9	158.0	5001
27S/25E-36C01 M	403.0	10/04/84 01/31/85	253.1(9) 250.1(9)	149.9 152.9	5050	27S/26E-19H01 M	434.0	10/04/84 01/28/85	301.0(9) 280.0(9)	133.0 154.0	5050
27S/25E-36J01 M	410.8	10/04/84 01/31/85	257.2(9) 241.2	153.6 169.6	5050	27S/26E-19L01 M	425.0	02/04/85	266.0	158.2	5001
27S/25E-36H01 M	393.2	10/04/84 01/31/85	207.0(9) 223.0(9)	186.2 170.2	5050	27S/26E-20A01 M	441.3	10/04/84 01/30/85	331.0(9) 306.0(9)	110.3 135.3	5001
27S/26E-01G01 M	676.0	10/04/84 01/30/85	NM-7 494.0(9)		5001 5050	27S/26E-20001 M	445.5	10/04/84 01/28/85	307.2(9) NM-2	138.3	5050
27S/26E-01R01 M	681.0	11/07/84 03/05/85	499.8 487.5	181.2 193.5	5001	27S/26E-20FC1 M		10/10/84 02/14/85	NM-7 NM-7		5001
27S/26E-02E01 M	550.0	10/04/84 01/30/85	NM-7 465.5(9)		5001 5050	27S/26E-21F01 M	471.0	10/04/84 01/30/85	334.0(9) 305.0(9)	137.0 166.0	5001
27S/26E-02J01 M	600.0	10/01/84 02/01/85	519.0 515.0	81.0 85.0	5001	27S/26E-25H01 M	510.0	11/08/84 03/05/85	445.0 435.0	65.0 75.0	5001
27S/26E-03801 M	525.0	10/01/84 02/01/85	469.5 459.5	56.5 65.5	5001	27S/26E-25P01 M	611.0	10/04/84 01/29/85	560.0(8) 524.0(9)	51.0 87.0	5001
27S/26E-04L01 M	471.0	10/04/84 01/30/85	350.0(9) 317.0(9)	121.0 154.0	5001	27S/26E-28K02 M	481.0	10/04/84 01/29/85	348.0(9) 322.0(9)	133.0 159.0	5001
27S/26E-04R01 M	505.0	10/04/84 01/30/85	NM-7 377.0(9)		5001 5050	27S/26E-30C01 M	423.1	10/04/84 01/28/85	283.1(9) 271.1(9)	140.0 152.0	5050
27S/26E-05P01 M	426.3	10/04/84 01/28/85	NM-1 259.9(9)		5001 5050	27S/26E-30P02 M	440.0	01/28/85	276.0(9)	164.0	5050
27S/26E-06D01 M	406.7	02/04/85	216.0	190.7	5001	27S/26E-31C01 M	424.3	10/04/84 01/28/85	281.9(9) 267.9	142.4 156.4	5050
27S/26E-06L01 M	413.0	02/04/85	230.8	182.2	5001	27S/26E-31L01 M	424.2	10/04/84 01/28/85	276.2(9) 255.2(9)	148.0 169.0	5050
27S/26E-06N01 M		02/04/85	NM-9		5001	27S/26E-31R01 M		02/04/85	NM-9		5001
27S/26E-06P01 M	415.8	02/04/85	246.1	169.7	5001	27S/26E-32A01 M	462.0	10/04/84 11/08/84 02/01/85 03/05/85	333.5(9) 322.9 320.5(9) 308.4	128.5 139.1 141.5 153.6	5050 5001 5050 5001
27S/26E-07A03 M		01/28/85	NM-4		5050	27S/26E-32H01 M	439.0	10/04/84 02/01/85	265.0 248.0(9)	173.0 170.0	5050
27S/26E-07R01 M	420.0	10/04/84 01/28/85	251.2(9) 229.2(9)	168.8 190.8	5050	27S/26E-33J01 M	475.0	10/01/84 02/01/85	335.0 321.0	140.0 154.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR NU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA				
27S/26E-34L01 M	483.0	10/04/84 01/29/85	337.0(9) 322.0(9)	146.0 161.0	5001	28S/25E-17R01 M	328.0	10/03/84 01/30/85	219.5 221.5	108.5 106.5	5001
27S/26E-36H01 M	595.0	11/08/84 03/07/85	527.7 522.8	67.3 72.2	5001	28S/25E-18C01 M	322.0	10/03/84 01/29/85	236.8 229.8	85.2 92.2	5001
27S/27E-06001 M	717.0	10/04/84 11/07/84 01/30/85 03/05/85	NM-7 539.0 521.0(9) 527.7	178.0 196.0 189.3	5001 7123 5050 7123	28S/25E-20F01 M	321.0	10/03/84 01/30/85	236.0 231.0	85.0 90.0	5001
27S/27E-07N01 M	680.0	11/07/84 03/05/85	481.5 467.9	198.5 212.1	5001	28S/25E-21F01 M	327.0	10/03/84 01/30/85	220.5 217.5	106.5 109.5	5001
27S/27E-08E01 M	735.0	10/04/84 01/30/85	NM-7 533.0(9)	202.0	5001 5050	28S/25E-23M01 M	335.5	10/03/84 01/30/85	209.6 199.6	126.9 136.9	5001
28S/24E-01L01 M	323.0	10/02/84 01/28/85	249.0 237.0	74.0 86.0	5001	28S/25E-24A01 M		10/11/84 02/14/85	NM-1 NM-7		5001
28S/24E-02B01 M	315.2	10/10/84 02/14/85	254.5(9) 239.5(9)	60.7 75.7	5001	28S/25E-24C01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/24E-02F01 M	312.0	10/02/84 10/10/84 01/28/85 02/14/85	248.5 NM-7 241.5 NM-7	63.5 70.5	5001	28S/25E-24J01 M		10/11/84 02/14/85	NM-7 NM-6		5001
28S/24E-02P01 M	312.6	10/10/84 02/14/85	NM-7 266.2(9)	46.4	5001	28S/25E-24L01 M	348.0	10/03/84 01/30/85	199.5 193.5	148.5 154.5	5001
28S/24E-03M01 M	298.0	10/05/84 02/01/85	102.0 101.0(9)	196.0 197.0	5050	28S/25E-24P01 M	345.0	10/05/84 02/01/85	197.0(9) 199.0	148.0 156.0	5050
28S/24E-03R01 M	309.0	10/02/84 01/29/85	250.4 241.4	58.6 67.6	5001	28S/25E-25801 M		10/03/84 10/11/84 01/30/85 02/14/85	NM-1 NM-7 NM-2 NM-2		5001
28S/24E-10R01 M	305.5	10/02/84 01/29/85	249.0 239.0	56.5 66.5	5001	28S/25E-25H01 M		10/11/84 02/14/85	NM-7 NM-1		5001
28S/24E-11F02 M	311.0	10/02/84 01/29/85	250.0 240.0	61.0 71.0	5001	28S/25E-25L01 M	334.0	10/11/84 02/14/85	190.0(9) 183.0(9)	144.0 151.0	5001
28S/24E-12G01 M	321.0	10/02/84 01/29/85	247.0 236.0	74.0 85.0	5001	28S/25E-26A01 M	339.0	10/03/84 01/30/85	205.0 201.0	134.0 138.0	5001
28S/25E-02A01 M	385.0	10/05/84 02/01/85	235.8(9) 222.8(9)	149.2 162.2	5050	28S/25E-28R02 M	325.0	10/04/84 01/30/85	211.0 203.0	114.0 122.0	5001
28S/25E-02K01 M	374.8	10/05/84 02/01/85	239.0(9) 221.0(9)	135.8 153.8	5050	28S/25E-36A01 M	331.5	10/11/84 02/14/85	NM-7 180.6(9)	150.9	5001
28S/25E-02N01 M	365.0	10/02/84 01/28/85	224.5 214.5	140.5 150.5	5001	28S/25E-36C01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/25E-03G01 M	368.0	10/03/84 01/28/85	221.5 209.5	146.5 158.5	5001	28S/25E-36J01 M		10/04/84 10/11/84 01/30/85 02/14/85	NM-2 NM-7 NM-7 NM-7	166.5	5001
28S/25E-04F01 M	356.0	10/03/84 01/29/85	245.2 220.2	110.8 135.8	5001	28S/25E-36L01 M	329.4	10/11/84 02/14/85	180.6(9) 177.6(9)	148.8 151.8	5001
28S/25E-05F01 M	343.0	10/03/84 01/29/85	239.5 226.5	103.5 116.5	5001	28S/26E-02A03 M	515.0	10/01/84 02/01/85	430.0 426.0	85.0 89.0	5001
28S/25E-06F01 M	336.0	10/03/84 01/29/85	251.0 239.0	85.0 97.0	5001	28S/26E-02L01 M		11/08/84	NM-0		5001
28S/25E-07J02 M	331.0	10/03/84 01/29/85	236.0 226.0	95.0 105.0	5001	28S/26E-03C01 M	370.0	11/08/84 03/07/85	323.4 326.5	46.6 43.5	5001
28S/25E-08H01 M	332.0	10/03/84 01/29/85	239.4 229.4	92.6 102.6	5001	28S/26E-05A01 M		10/05/84 02/01/85	NM-2 NM-2		5001 5050
28S/25E-10B01 M	357.0	10/05/84 02/01/85	232.0(9) 221.0(9)	125.0 136.0	5050	28S/26E-05E02 M	425.4	02/04/85	244.4	182.0	5001
28S/25E-10B02 M	357.0	10/03/84 01/29/85	231.9 228.9	125.1 128.1	5001	28S/26E-05F01 M	427.2	02/04/85	248.5	178.7	5001
28S/25E-11N01 M	353.0	10/03/84 01/29/85	210.5 203.5	142.5 149.5	5001	28S/26E-05H02 M	439.0	10/05/84 02/01/85	267.0(9) 262.0	172.0 177.0	5050
28S/25E-12B01 M	387.0	10/05/84 02/01/85	227.8(9) NM-7	159.2	5050	28S/26E-09A01 M	444.0	11/08/84 03/07/85	324.0 NM-1	120.0	5001
28S/25E-13A01 M	377.0	10/03/84 10/11/84 01/29/85 02/14/85	NM-1 NM-2 206.5 NM-7	170.5	5001	28S/26E-09D01 M	428.5	02/04/85	246.5	182.0	5001
28S/25E-13C01 M		10/11/84 02/14/85	NM-2 NM-2		5001	28S/26E-10B01 M	448.0	11/08/84 03/07/85	289.0 289.0	159.0 159.0	5001
28S/25E-13J01 M		10/03/84 10/11/84 01/29/85 02/14/85	NM-2 NM-2 NM-2 NM-7		5001	28S/26E-12J02 M	510.0	11/07/84 03/07/85	407.5 402.5	102.5 107.5	5001
28S/25E-13L01 M		10/11/84 02/14/85	NM-2 NM-2		5001	28S/26E-14A02 M	449.0	11/09/84 03/07/85	313.5 NM-9	135.5	5001
28S/25E-14L01 M	350.0	10/03/84 01/29/85	213.5 206.5	136.5 143.5	5001	28S/26E-14D01 M	425.0	11/08/84 03/07/85	266.7 251.6	158.3 173.4	5001
28S/25E-15R01 M	341.0	10/03/84 01/30/85	206.6 200.6	134.4 140.4	5001	28S/26E-14P01 M	411.0	02/04/85	181.0	230.0	5001
28S/25E-16P01 M	329.0	10/03/84 01/30/85	221.0 219.0	109.0 110.0	5001	28S/26E-16A01 M		10/11/84 02/14/85	NM-7 NM-7		5001
						28S/26E-16J01 M	414.9	02/04/85	210.0	204.9	5001
						28S/26E-16L01 M	405.0	02/04/85	203.0	202.0	5001
						28S/26E-18A02 M		10/11/84 02/14/85	NM-7 NM-7		5001
						28S/26E-18L03 M	377.0	10/11/84	219.0(9)	158.0	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.T	TULARE LAKE HB SOUTH VALLEY FLOOR HU NORTH KERN HA				
28S/26E-18L03 M	377.0	02/14/85	211.0(9)	166.0	50C1	28S/27E-33K01 M	316.0	10/04/84 01/29/85	383.0(9) 382.0(9)	131.0 132.0	5001
28S/26E-19C01 M		10/11/84	NM-9		5001	29S/26E-01K01 M	381.0	10/03/84 01/29/85	170.0(9) 154.0(9)	211.0 227.0	5050
28S/26E-19F01 M	367.4	02/14/85	195.0(9)	172.4		29S/26E-02C01 M	369.0	10/11/84 02/14/85	155.0(9) 149.0(9)	213.0 219.0	5001
28S/26E-19J01 M		10/11/84	NM-7		5001	29S/26E-02G01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-19L01 M		10/11/84	NM-7		5001	29S/26E-02L01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-19L01 M	360.0	10/04/84 10/11/84 01/30/85 02/14/85	196.0 NM-7 188.0 NM-7	164.0 172.0	50C1	29S/26E-03A01 M	361.0	10/11/84 02/14/85	142.5 148.5(9)	218.5 212.5	5001
28S/26E-21E01 M	381.0	02/04/85	178.0	203.0	50C1	29S/26E-03C01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-21G01 M	391.0	02/04/85	209.6	181.4	5001	29S/26E-03E01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-21H01 M	388.0	10/05/84 02/01/85	159.5 158.5	228.5 229.5	5050	29S/26E-03J01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-21H02 M	388.0	10/05/84 02/01/85	209.5 265.5	178.5 122.5	5050	29S/26E-03L01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-21H03 M	388.0	10/05/84 02/01/85	239.5 237.5	148.5 150.5	5050	29S/26E-04A01 M	350.0	10/11/84 02/14/85	151.5(9) NM-1	198.5	5001
28S/26E-21L01 M	376.0	02/04/85	172.4	203.6	5001	29S/26E-04C01 M		10/11/84 02/14/85	NM-7 156.0(9)	191.0	5001
28S/26E-27C01 M	379.0	02/04/85	147.0	232.0	5001	29S/26E-04D01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-29J01 M	353.0	10/11/84 02/14/85	159.0(9) 148.0(9)	194.0 205.0	50C1	29S/26E-04L01 M	347.0	10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-29L01 M		10/04/84 10/11/84 01/29/85 02/14/85	NM-1 NM-7 210.0 NM-7	140.0	5001	29S/26E-05A01 M		10/11/84 02/14/85	NM-2 NM-1		5001
28S/26E-30A01 M		10/04/84 10/11/84 01/29/85 02/14/85	NM-1 NM-7 172.5 NM-7	185.1	5001	29S/26E-05C01 M		10/11/84 02/14/85	NM-2 NM-7		5001
28S/26E-30C01 M	354.2	10/11/84 02/14/85	196.6(9) 190.6(9)	157.6 163.6	5001	29S/26E-05J01 M		10/11/84 02/14/85	NM-7 NM-1		5001
28S/26E-30F01 M		10/11/84 02/14/85	NM-7 NM-7		5001	29S/26E-05P01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-30J01 M		10/11/84 02/14/85	NM-7 NM-7		5001	29S/26E-05R01 M	337.0	10/11/84 02/14/85	156.0(9) 152.0(9)	181.0 185.0	5001
28S/26E-30N01 M		10/11/84 02/14/85	NM-7 NM-7		50C1	29S/26E-05L01 M	331.0	10/03/84 01/29/85	174.5(9) 164.5(9)	156.5 166.5	5050
28S/26E-30P01 M	347.0	10/11/84 02/14/85	171.0(9) NM-7	176.0	5001	29S/26E-06R01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-31C01 M		10/11/84 02/14/85	NM-1 NM-1		50C1	29S/26E-07H01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-31J01 M		10/04/84 10/11/84 01/30/85 02/14/85	NM-1 NM-1 200.5 NM-1	138.5	5001	29S/26E-07R01 M	334.5	10/11/84 02/14/85	164.9(9) 153.9(9)	169.6 180.6	5001
28S/26E-31L01 M		10/11/84 02/14/85	NM-7 NM-1		50C1	29S/26E-08P01 M	337.1	10/11/84 02/14/85	155.5(9) 155.5(9)	181.6 181.6	5001
28S/26E-33L01 M	353.0	10/11/84 02/14/85	147.0(9) NM-1	206.0	5001	29S/26E-09A01 M	347.4	10/11/84 02/14/85	158.3(9) NM-1	189.1	5001
28S/26E-36001 M	381.0	02/04/85	149.2	231.8	5001	29S/26E-09H01 M		10/11/84 02/14/85	NM-7 139.0(9)	205.0	5001
28S/26E-36F01 M	383.0	02/04/85	156.0	227.0	5001	29S/26E-09P01 M	344.0	10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-36M01 M	383.0	02/04/85	159.6	223.4	50C1	29S/26E-09R01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/26E-36N01 M	381.1	02/04/85	146.1	235.0	50C1	29S/26E-10A01 M	353.2	10/11/84 02/14/85	141.0(9) 150.0(9)	212.2 203.2	5001
28S/27E-18L01 M	500.0	11/08/84 03/07/85	399.0 383.0	101.0 117.0	5001	29S/26E-10F01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/27E-19C02 M	501.0	11/01/84 03/07/85	407.5 389.5	93.5 111.5	5001	29S/26E-10M01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/27E-28L01 M	588.0	11/01/84 03/07/85	461.8 NM-1	126.2	50C1	29S/26E-10P01 M		10/11/84 02/14/85	NM-7 NM-7		5001
29S/27E-29A01 M	560.0	11/01/84 03/07/85	441.3 438.0	118.7 122.0	5001	29S/26E-11A01 M		10/11/84 02/14/85	NM-7 NM-7		5001
29S/27E-30P01 M	427.9	11/01/84 03/07/85	223.8 223.4	204.1 204.5	5001	29S/26E-11C01 M	371.2	10/11/84 02/14/85	154.0(9) NM-7	217.2	5001
28S/27E-31L01 M	410.0	11/01/84 03/07/85	207.0 199.0	203.0 211.0	50C1	29S/26E-11J01 M	367.5	10/11/84 02/14/85	153.0(9) NM-7	214.5	5001
28S/27E-32A02 M		10/11/84 11/01/84 02/14/85 03/07/85	NM-7 348.5 NM-7 NM-1	161.5	5001	29S/26E-11L01 M		10/11/84 02/14/85	NM-7 NM-7		5001
28S/27E-33C01 M	547.1	10/04/84 01/29/85	409.0(9) 400.0	138.1 147.1	50C1	29S/26E-11M01 M		10/11/84	NM-7		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.T	TULARE LAKE NB SOUTH VALLEY FLOOR HU NORTH KERN HA					C C-01 C-01.U	TULARE LAKE NB SOUTH VALLEY FLOOR HU KERN UPLANDS HA				
29S/26E-11M01 M		02/14/85	NM-7		5001	25S/27E-21B01 M		10/31/84 02/01/85	NM-7 537.0(9)	100.0	5001 5050
29S/26E-12A01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-21R01 M		10/01/84 02/31/85	NM-7 NM-1		5001 5050
29S/26E-12C01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-24M01 M		10/01/84 01/31/85 02/01/85	NM-7 593.0(9) 593.0(9)	182.0 182.0	5001 5050 5001
29S/26E-12J01 M	378.2	10/11/84 02/14/85	134.4(9) 130.4	243.8 247.8	5001	25S/27E-26D01 M		10/31/84 01/31/85 02/31/85	NM-7 599.0(9) 599.0(9)	176.0 176.0	5001 5050 5001
29S/26E-12L01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-27K01 M		10/31/84 01/31/85	NM-7 592.0(9)	186.0	5001 5050
29S/26E-13K01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-28G02 M		10/31/84 01/31/85	NM-7 NM-5		5001 5050
29S/26E-13R01 M	369.8	10/11/84 02/14/85	111.5(9) 209.5(9)	258.3 160.3	5001	25S/27E-28K01 M		10/31/84 01/31/85	NM-7 638.0(9)	91.0	5001 5050
29S/26E-14A01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-29K01 M		10/01/84 01/31/85	NM-7 589.0(9)	111.0	5001 5050
29S/26E-14K01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-31M01 M		10/31/84 01/31/85	NM-7 530.0(9)	77.0	5001 5050
29S/26E-14O01 M	357.0	10/11/84 02/14/85	112.0(9) NM-7	245.0	5001	25S/27E-33H01 M		10/31/84 01/31/85	NM-7 640.0(9)	90.0	5001 5050
29S/26E-15J01 M	355.0	10/15/84 01/24/85	135.9 123.9	219.1 231.1	5001	25S/27E-34O01 M		10/31/84 01/31/85	NM-7 705.0(9)	70.0	5001 5050
29S/26E-16F01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-35G01 M		10/31/84 01/31/85	NM-7 638.0(9)	214.0	5001 5050
29S/26E-16H01 M		10/11/84 02/14/85	NM-7 NM-7		5001	25S/27E-35K01 M		10/31/84 01/31/85	NM-7 635.0(9)	217.0	5001 5050
29S/26E-16P01 M	347.1	10/03/84 01/29/85	137.0 133.0(9)	210.1 214.1	5050	26S/26E-22P01 M		10/31/84 01/30/85 01/31/85	NM-7 400.0(9) 400.0(9)	110.0 110.0	5001 5050 5001
29S/26E-16O01 M	346.5	10/03/84 01/29/85	151.8(9) 141.8(9)	194.7 204.7	5050	26S/26E-24P01 M		10/31/84 01/30/85 01/31/85	NM-7 446.0(9) 446.0(9)	102.0 102.0	5001 5050 5050
29S/26E-17H01 M	341.7	10/11/84 02/14/85	156.0(9) 148.0(9)	185.7 193.7	5001	26S/27E-04H01 M		10/31/84 01/30/85	NM-7 634.0(9)	78.0	5001 5050
29S/26E-17J01 M		10/11/84 02/14/85	NM-7 NM-7		5001	26S/27E-06O01 M		10/31/84 01/30/85	NM-7 NM-4		5001 5050
29S/26E-17L01 M		10/11/84 02/14/85	NM-7 NM-7		5001	26S/27E-07O01 M		10/31/84 01/30/85	NM-7 548.0(9)	127.0	5001 5050
29S/26E-18J01 M	335.0	10/11/84 02/14/85	153.0(9) 150.0(9)	182.0 185.0	5001	26S/27E-07R01 M		10/01/84 01/30/85	NM-7 562.0(9)	138.0	5001 5050
29S/27E-05H01 M	428.0	11/01/84 03/07/85	182.0 182.6	246.0 245.4	5001	26S/27E-08P01 M		10/31/84 01/30/85	NM-7 685.0(9)	65.0	5001 5050
29S/27E-06E01 M	390.0	10/02/84 01/29/85	177.0(9) 162.0(9)	213.0 228.0	5050	26S/27E-16L01 M		10/31/84 01/30/85	NM-7 NM-1		5001 5050
29S/27E-06G01 M	390.0	10/02/84 01/29/85	166.0(9) 157.0(9)	224.0 233.0	5050	26S/27E-17E01 M		10/31/84 01/30/85	NM-7 547.0(9)	153.0	5001 5050
29S/27E-06H01 M	396.0	11/09/84 03/07/85	143.5 145.0	252.5 251.0	5001	26S/27E-22F01 M		10/31/84 01/30/85	NM-7 625.0(9)	254.0	5001 5050
C-01.U	KERN UPLANDS HA					26S/27E-27H01 M		10/31/84 01/30/85	NM-7 673.0(9)	227.0	5001 5050
25S/27E-02A01 M		10/01/84 01/28/85 02/01/85	NM-7 569.5(9) 549.5(9)	130.5 130.5	5001 5050	26S/27E-28G01 M		10/31/84 11/37/84 01/30/85 03/05/85	NM-7 544.7 620.0(9) 625.3	235.3 260.0 254.7	5001 7123 5050 7123
25S/27E-02O01 M		10/01/84 02/01/85	NM-7 480.5(9)	144.5	5001 5050	26S/27E-32H01 M		10/31/84 01/30/85	NM-7 670.0(9)	180.0	5001 5050
25S/27E-03H01 M		10/01/84 02/01/85	NM-7 NM-4		5001 5050	26S/27E-32P01 M		10/01/84 01/30/85	NM-7 NM-7		5001 5050
25S/27E-03N01 M		10/01/84 02/01/85	NM-7 486.0(9)	114.0	5001 5050	27S/26E-13J01 M		10/34/84 01/30/85	NM-7 531.0(9)	119.0	5001 5050
25S/27E-04P01 M		10/01/84 02/01/85	NM-7 489.0(9)	96.0	5001 5050	27S/27E-04C01 M		10/04/84 01/30/85	NM-7 638.0(9)	232.0	5001 5050
25S/27E-09B02 M		10/01/84 02/01/85	NM-7 482.0(9)	116.0	5001 5050	27S/27E-05G01 M		10/34/84 11/03/84	NM-7 NM-0		5001
25S/27E-10F01 M		10/01/84 02/01/85	NM-7 488.0(9)	122.0	5001 5050	27S/27E-05J01 M		10/34/84 01/30/85	NM-7 642.0(9)	178.0	5001 5050
25S/27E-15P01 M		10/01/84 02/01/85	NM-7 NM-1		5001 5050	27S/27E-05K01 M		10/34/84 01/30/85	NM-7 NM-1		5001 5050
25S/27E-16O01 M		10/01/84 02/01/85	NM-7 531.0(9)	69.0	5001 5050	27S/27E-08L02 M		10/04/84 01/30/85	NM-7 521.0(9)	219.0	5001 5050
25S/27E-18A01 M		10/01/84 02/01/85	NM-7 449.0(9)	97.0	5001 5050						
25S/27E-19F01 M		10/01/84 02/01/85	NM-7 446.0(9)	84.0	5001 5050						
25S/27E-20C01 M		10/01/84 02/01/85	NM-7 471.0(9)	122.0	5001 5050						
25S/27E-20H01 M		10/01/84 02/01/85	NM-7 498.0(9)	132.0	5001 5050						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.U	TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN UPLANDS HA					C C-01 C-01.V		TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA				
27S/27E-09H01 M		10/04/84 01/30/85	NM-7 NM-5		50C1 5050	29S/25E-15H01 M		317.0	10/25/84 01/25/85	176.5 174.5	140.5 142.5	5001
27S/27E-30H01 M	523.0	11/08/84 03/05/85	441.5 425.2	81.5 97.8	5001	29S/25E-18H01 M		299.0	10/11/84 02/14/85	194.0(9) 189.0(9)	105.0 110.0	5001
C-01.V	KERN DELTA HA					29S/25E-18Q01 M		297.0	10/11/84 02/14/85	185.0(9) 185.0(9)	112.0 112.0	5001
28S/24E-13H04 M	318.0	10/02/84 01/29/85	238.5 232.5	79.5 85.5	5001	29S/25E-22L01 M			10/25/84 01/25/85	NM-9 NM-4		5001
28S/24E-23Q01 M		10/05/84 01/28/85	NM-3 NM-3		5001	29S/25E-24H01 M		330.5	10/03/84 01/29/85	159.5(9) 149.5(9)	171.0 181.0	5050
28S/24E-25P01 M		10/05/84 01/28/85	NM-1 NM-1		5001	29S/25E-24K01 M		330.0	10/03/84 01/29/85	151.0(9) 152.0(9)	179.0 178.0	5050
28S/24E-36E01 M	315.0	10/10/84 02/14/85	242.0(9) 235.0(9)	73.0 80.0	5001	29S/25E-26K01 M		324.0	10/25/84 01/25/85	128.0 123.0	196.0 201.0	5001
29S/24E-01C01 M		10/30/84 01/25/85	NM-4 NM-4		5001	29S/25E-28A01 M		311.4	10/03/84 01/29/85	137.5(9) 135.5(9)	173.9 175.9	5050
29S/24E-01H01 M	307.0	11/01/84 01/25/85	232.0 233.0	75.0 74.0	5001	29S/25E-28G01 M		310.0	10/03/84 01/29/85	136.0(9) 135.0(9)	174.0 175.0	5050
29S/24E-02A01 M	295.0	10/03/84 10/05/84 01/29/85	225.0(9) 225.0(9) 210.0(9)	70.0 70.0 85.0	5050 50C1 5050	29S/25E-30H01 M		301.0	10/03/84 01/29/85	169.0(9) NM-1	132.0	5050
29S/24E-02B01 M	290.0	10/03/84 10/05/84 01/29/85	213.0(9) 213.0(9) 211.0(9)	77.0 77.0 79.0	5050 5001 5050	29S/25E-30P01 M		299.5	10/03/84 01/29/85	167.2(9) 158.2(9)	132.3 141.3	5050
29S/24E-02J01 M		10/03/84 01/29/85	NM-1 203.0(9)		50C1 5050	29S/25E-31H01 M			10/03/84 01/29/85	NM-7 NM-1		5001
29S/24E-11R01 M	295.0	10/03/84 01/29/85	198.0(9) 197.0(9)	97.0 98.0	5050	29S/25E-32F01 M		305.0	10/03/84 01/29/85	143.0(9) 138.0(9)	162.0 167.0	5050
29S/24E-12P01 M	297.0	10/03/84 01/29/85	198.0(9) 190.0(9)	99.0 107.0	5050	29S/25E-32H02 M		307.5	10/03/84 01/29/85	141.7(9) 136.7(9)	165.8 170.8	5050
29S/24E-13A01 M	299.0	10/03/84 01/29/85	199.0(9) 185.0(9)	100.0 114.0	5050	29S/26E-19C01 M		330.0	10/11/84 02/14/85	155.0(9) 152.0(9)	175.0 178.0	5001
29S/24E-13F01 M	295.0	10/03/84 01/29/85	195.0(9) 185.0(9)	100.0 110.0	5050	29S/26E-20G01 M			10/11/84 02/14/85	NM-7 NM-7		5001
29S/24E-20A01 M	294.0	10/12/84 02/01/85	196.5 NM-1	97.5	5001	29S/26E-22J01 M		355.2	10/03/84 01/29/85	139.9(9) 113.9(9)	216.3 242.3	5050
29S/24E-24F01 M	292.0	10/03/84 01/29/85	174.0(9) 169.1(9)	118.0 122.9	5050	29S/26E-22L01 M			10/03/84 01/29/85	NM-2 NM-2		5001 5050
29S/24E-24P01 M	294.0	10/03/84 01/29/85	167.0(9) 161.0(9)	127.0 133.0	5050	29S/26E-25Q03 M			10/15/84 01/24/85	NM-9 NM-9		5001
29S/24E-24R01 M		10/03/84 01/29/85	NM-1 NM-1		50C1 5050	29S/26E-25Q01 M		368.1	10/11/84 02/14/85	145.4(9) NM-7	222.7	5001
29S/24E-25H01 M	297.0	10/03/84 01/29/85	198.0(9) NM-7	139.0	5050	29S/26E-26K01 M		365.0	10/15/84 01/24/85	83.0 99.0	282.0 266.0	5001
29S/25E-01A01 M	329.0	10/03/84 01/29/85	167.5(9) 164.5	161.5 164.5	5050	29S/26E-28B02 M		348.0	10/03/84 01/29/85	123.0(9) 114.0(9)	225.0 234.0	5050
29S/25E-02Q01 M	324.0	10/25/84 01/29/85	196.0 201.0	128.0 123.0	5001	29S/26E-28N02 M		345.0	10/03/84 01/29/85	102.0 97.0	244.0 249.0	5050
29S/25E-03N01 M	324.0	10/25/84 01/25/85	212.0 215.0(4)	112.0 109.0	5001	29S/26E-30A01 M		337.6	10/03/84 01/29/85	135.8(9) NM-1	201.8	5050
29S/25E-03A02 M	321.0	11/01/84 01/25/85	231.0 230.0	90.0 91.0	5001	29S/26E-30F01 M		334.2	10/03/84 01/29/85	133.9(9) 132.9(9)	200.3 201.3	5050
29S/25E-06B01 M	313.0	10/11/84 02/14/85	228.0(9) 224.0(9)	85.0 89.0	5001	29S/26E-34Q01 M		355.0	10/15/84 01/24/85	92.0 95.0	263.0 260.0	5001
29S/25E-06Q01 M	310.0	10/11/84 02/14/85	216.0(9) 209.0(9)	94.0 101.0	5001	29S/26E-35K01 M		356.0	10/15/84 01/24/85	NM-9 69.0	287.0	5001
29S/25E-07A01 M	307.0	11/01/84 01/25/85	223.0 227.0	84.0 80.0	50C1	29S/26E-36G01 M		364.0	10/11/84 02/14/85	177.0(9) NM-7	187.0	5001
29S/25E-08E01 M	309.0	10/11/84 02/14/85	205.0(9) 201.0(9)	104.0 108.0	50C1	29S/26E-36Q01 M		365.0	10/11/84 02/14/85	NM-7 160.0(9)	205.0	5001
29S/25E-08H01 M		10/11/84 02/14/85	NM-7 205.0(9)		50C1	29S/27E-04H03 M		450.5	11/01/84 03/07/85	288.5 280.5	162.0 170.0	5001
29S/25E-09G01 M	315.0	10/25/84 01/25/85	199.0 194.0	116.0 121.0	50C1	29S/27E-07J02 M		390.0	11/09/84 03/07/85	145.0 NM-1	245.0	5001
29S/25E-09J02 M		10/25/84 01/25/85	NM-3 NM-4		50C1	29S/27E-C8D01 M			10/15/84 01/24/85	NM-3 NM-3		5001
29S/25E-12M03 M	330.0	10/25/84 01/25/85	183.5 185.5	146.5 144.5	5001	29S/27E-C8J01 M		403.8	10/02/84 01/29/85	161.9(9) 141.9(9)	241.9 261.9	5050
29S/25E-12M04 M	330.0	10/25/84 01/25/85	171.5 NM-1	158.5	5001	29S/27E-09Q01 M		412.5	10/15/84 01/24/85	NM-4 122.5	290.0	5001
29S/25E-13F01 M	330.0	10/03/84 01/29/85	174.8(9) 165.8(9)	155.2 164.2	5050	29S/27E-15A04 M		428.0	10/15/84 01/24/85	160.5 156.5	267.5 271.5	5001
29S/25E-13P01 M	329.8	10/03/84 01/29/85	195.0(9) 190.0(9)	134.8 139.8	5050	29S/27E-15N01 M		405.0	10/15/84 01/24/85	51.5 53.5	353.5 351.5	5001
						29S/27E-16J01 M		418.3	10/02/84	156.5(9)	261.8	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.V	TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA					C C-01 C-01.V	TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA				
29S/27E-16J01 M	418.3	01/29/85	142.5(9)	275.8	5050	30S/24E-13M01 M		10/11/84 02/14/85	NM-7 NM-1		5001
29S/27E-16M01 M	408.0	10/02/84 01/29/85	138.9(9) 135.9(9)	267.1 270.1	5050	30S/24E-14M01 M	291.2	01/13/85 09/12/85	94.3 102.4	196.9 188.8	5001
29S/27E-17A01 M	403.4	10/02/84 01/29/85	144.5(9) 129.5(9)	258.9 273.9	5050	30S/24E-24A01 M		10/11/84 02/14/85	NM-7 NM-1		5001
29S/27E-17H01 M	398.9	10/02/84 01/29/85	129.0(9) 118.0(9)	267.9 278.9	5050	30S/25E-01F01 M		10/11/84 02/14/85	NM-7 NM-1		5001
29S/27E-17M01 M	389.0	10/02/84 01/29/85	115.0(9) 109.0(9)	274.0 280.0	5050	30S/25E-01M01 M	331.6	10/11/84 02/14/85	102.0(9) 96.0	229.6 235.6	5001
29S/27E-18A01 M	390.8	10/02/84 01/29/85	126.6(9) 134.6(9)	264.2 256.2	5050	30S/25E-02M01 M	332.7	10/01/84 01/28/85	146.0 121.0	186.7 211.7	5001
29S/27E-19K02 M		10/15/84 01/24/85	NM-6 NM-6		5001 5133	30S/25E-03M01 M		10/11/84 02/14/85	NM-7 NM-7		5001
29S/27E-21J07 M		10/15/84 01/24/85	NM-9 50.5		5001	30S/25E-03L01 M		10/11/84 02/14/85	NM-7 118.5(9)		5001
29S/27E-22E04 M		10/15/84 01/24/85	NM-9 49.0		5001	30S/25E-03001 M	315.0	10/11/84 02/14/85	120.0(9) NM-7	196.5	5001
29S/27E-26002 M	402.0	10/15/84 01/24/85	44.5 46.5	353.5 351.5	5001	30S/25E-04L01 M	320.0	10/11/84 02/14/85	133.0(9)	200.0	5001
29S/27E-27A02 M	398.0	10/15/84 01/24/85	39.0	360.0	5133	30S/25E-04R01 M	308.0	10/11/84 02/14/85	146.3 131.3	167.1 182.1	5001
29S/27E-27G02 M	399.0	10/15/84 01/24/85	43.5 48.5	346.5 341.5	5001	30S/25E-05K01 M	313.4	10/01/84 01/28/85	146.3 131.3	167.1 182.1	5001
29S/27E-29D01 M	390.0	10/15/84 01/24/85	76.5 75.5	299.5 300.5	5001	30S/25E-06R01 M	305.0	10/11/84 02/14/85	131.0(9)	174.0	5001
29S/27E-29R01 M	376.0	10/15/84 01/24/85	88.5(9) 86.5(9)	295.7 297.7	5050	30S/25E-07G01 M		10/11/84 02/14/85	NM-7 NM-1		5001
29S/27E-31A02 M	384.2	10/02/84 01/29/85	70.0 69.0	305.0 306.0	5001	30S/25E-07P01 M	295.0	10/11/84 02/14/85	149.0	146.0	5001
29S/27E-31K01 M	375.0	10/15/84 01/24/85	70.0 69.0	305.0 306.0	5001	30S/25E-07R01 M		10/11/84 02/14/85	NM-7 NM-4		5001
29S/27E-31M01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/25E-08F01 M	298.0	10/11/84 02/14/85	136.1(9) NM-7	161.9	5001
29S/27E-33D01 M	380.0	10/15/84 01/24/85	54.0 59.0	326.0 322.0	5001	30S/25E-08J01 M		10/11/84 02/14/85	135.0(9) NM-7	169.0	5001
29S/27E-33R03 M		10/15/84 01/24/85	NM-7 NM-9		5001	30S/25E-09P01 M	304.0	10/11/84 02/14/85	133.5(9)	167.5	5001
29S/27E-35A02 M	394.0	02/01/85 09/01/85	145.0 188.0	249.0 206.0	50C1	30S/25E-09A01 M	301.0	10/11/84 02/14/85	128.0(9) 121.0	184.0 191.0	5001
29S/27E-36001 M	392.1	10/01/84 02/01/85 09/01/85	152.0 148.0 155.0	240.1 244.1 237.1	5001	30S/25E-09J01 M	312.0	10/11/84 02/14/85	128.0(9) 121.0	184.0 191.0	5001
29S/28E-17G01 M	585.3	10/01/84 02/01/85 09/01/85	271.0 262.0 271.0	314.3 323.3 314.3	5001	30S/25E-09L01 M		10/11/84 02/14/85	NM-7 NM-4		5001
29S/28E-17R01 M	535.0	10/01/84 02/01/85 09/01/85	286.0 288.0 287.0	249.0 247.0 248.0	50C1	30S/25E-10A01 M		10/11/84 02/14/85	NM-7 NM-7		5001
29S/28E-19J02 M	410.2	10/01/84 02/01/85 09/01/85	178.0 176.0 179.0	232.2 234.2 231.2	5001	30S/25E-10C01 M	316.1	10/11/84 02/14/85	119.0(9) 115.0(9)	197.1 201.1	5001
29S/28E-19N02 M	404.0	02/01/85 09/01/85	124.0 143.0	280.0 261.0	5001	30S/25E-11A01 M	322.0	10/11/84 02/14/85	102.0(9) NM-7	220.0	5001
29S/28E-20G01 M	480.0	10/01/84 02/01/85 09/01/85	246.0 223.0 247.0	234.0 257.0 233.0	5001	30S/25E-11C01 M		10/11/84 02/14/85	NM-7 109.0(9)	211.0	5001
29S/28E-30K02 M	404.0	02/01/85 09/01/85	160.0 185.0	244.0 219.0	5001	30S/25E-11L01 M		10/11/84 02/14/85	NM-7 NM-7		5001
29S/28E-30R01 M	401.7	02/01/85 09/01/85	168.0 193.0	233.7 208.7	5001	30S/25E-12A01 M	329.0	10/01/84 01/28/85	111.0 83.0	217.0 245.0	5001
29S/28E-31D01 M	400.0	02/01/85 09/01/85	152.0 160.0	248.0 240.0	5001	30S/25E-12C01 M	330.0	10/11/84 02/14/85	104.0(9) 102.0(9)	226.0 228.0	5001
29S/28E-31J02 M	397.0	02/01/85 09/01/85	208.0 224.0	189.0 173.0	50C1	30S/25E-13L01 M		10/11/84 02/14/85	NM-7 75.0(9)	248.0	5001
29S/28E-31K02 M	395.0	02/01/85 09/01/85	181.1 194.0	213.9 201.0	5001	30S/25E-14C02 M	318.0	10/01/84 01/28/85	121.0 109.0	197.0 209.0	5001
29S/28E-32L01 M	399.0	10/01/84 02/01/85 09/01/85	200.0 177.0 200.0	199.0 222.0 199.0	5001	30S/25E-14K01 M	318.0	10/11/84 02/14/85	126.0(9) 109.0(9)	192.0 209.0	5001
29S/28E-32R02 M	390.0	02/01/85 09/01/85	177.0 185.0	213.0 205.0	50C1	30S/25E-15A01 M		10/11/84 02/14/85	NM-7 NM-7		5001
30S/24E-02C01 M	290.0	01/15/85 09/12/85	111.5 122.5	178.5 167.5	50C1	30S/25E-15C01 M		10/11/84 02/14/85	NM-7 NM-7		5001
30S/24E-12R01 M	294.6	10/11/84 02/14/85	127.7(9) NM-1	166.9	5001	30S/25E-15001 M		10/11/84 02/14/85	NM-7 NM-1		5001
30S/24E-13R01 M		10/11/84 02/14/85	NM-7 NM-1		5001	30S/25E-15R01 M	313.0	10/11/84 02/14/85	122.0(9) 116.0(9)	191.0 197.0	5001
						30S/25E-16F01 M		10/11/84	NM-7		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.V	TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA					C C-01 C-01.V	TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA				
30S/25E-16F01 M		02/14/85	NM-7		5001	30S/26E-11D01 M		10/10/84	NM-7		5001
30S/25E-16P01 M	310.0	10/11/84 02/14/85	138.0(9) 129.0(9)	172.0 181.0	5001	30S/26E-11L01 M	354.0	02/14/85	95.0	259.0	5001
30S/25E-17E01 M		10/11/84 02/14/85	NM-7 NM-1		5001	30S/26E-12D01 M		10/10/84 02/14/85	NM-7 NM-7		5001
30S/25E-18A01 M		10/11/84 02/14/85	NM-7 124.1(9)		5001	30S/26E-12H01 M	362.0	10/10/84 02/14/85	93.0 NM-7	269.0	5001
30S/25E-18C01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-12N01 M	355.0	10/10/84 02/14/85	NM-7 91.0(9)	264.0	5001
30S/25E-18P01 M	297.0	10/11/84 02/14/85	138.0(9) NM-1	159.0	5001	30S/26E-13B01 M	355.0	10/10/84 02/14/85	NM-7 95.0(9)	260.0	5001
30S/25E-18R01 M		10/11/84 02/14/85	NM-7 NM-1		5001	30S/26E-13K01 M	354.0	10/10/84 02/14/85	104.0(9) NM-7	250.0	5001
30S/25E-19G01 M	297.0	10/11/84 02/14/85	137.0(9) 135.0	160.0 162.0	5001	30S/26E-14E01 M		10/10/84 02/14/85	NM-7 NM-7		5001
30S/25E-19P01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-14J01 M		10/10/84 02/14/85	NM-7 NM-7		5001
30S/25E-20A01 M	307.0	10/11/84 02/14/85	131.0(9) 128.0	176.0 179.0	5001	30S/26E-15B01 M		10/10/84 02/15/85	NM-7 74.0(9)	271.0	5001
30S/25E-20C01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-15K01 M	345.0	10/10/84 02/15/85	94.0(9) NM-7	261.0	5001
30S/25E-21P02 M		10/11/84 02/14/85	NM-7 139.4(9)		5001	30S/26E-16J01 M	339.1	10/10/84 02/15/85	81.0(9) NM-7	258.1	5001
30S/25E-23B01 M	319.0	10/10/84 02/14/85	144.0(9) 119.0(9)	175.0 200.0	5001	30S/26E-16M01 M		10/10/84 02/15/85	NM-7 73.0(9)	262.0	5001
30S/25E-24J01 M	325.0	10/10/84 02/14/85	108.0(9) NM-4	217.0	5001	30S/26E-18A01 M		10/10/84 02/15/85	NM-7 NM-7		5001
30S/25E-25G01 M	315.0	10/10/84 02/14/85	136.0(9) 100.0(9)	179.0 215.0	5001	30S/26E-19G01 M		10/10/84 02/15/85	NM-7 NM-9		5001
30S/25E-26A01 M	315.0	10/01/84 01/28/85	86.0 50.0	229.0 265.0	5001	30S/26E-20L01 M		10/10/84 02/15/85	NM-7 73.0(9)	257.0	5001
30S/25E-27A01 M	310.0	10/10/84 02/14/85	138.0(9) 88.0(9)	172.0 222.0	5001	30S/26E-20N02 M	325.0	10/10/84 02/15/85	74.0(9) NM-7	251.0	5001
30S/25E-34E01 M		10/10/84 02/14/85	NM-7 101.0(9)		5001	30S/26E-21O01 M		10/10/84 02/15/85	NM-7 NM-7		5001
30S/25E-35B01 M	310.0	10/01/84 10/10/84 01/28/85 02/14/85	109.0 144.0(2) 84.0 NM-4	201.0 166.0 226.0	5001	30S/26E-21M01 M	333.0	10/10/84 02/15/85	91.0(9) 81.0(9)	242.0 252.0	5001
30S/25E-35J01 M		10/10/84 02/14/85	NM-7 74.0(9)		5001	30S/26E-22A01 M	345.0	10/10/84 02/15/85	99.0(9) 89.0(9)	246.0 256.0	5001
30S/25E-36F01 M		10/10/84 02/14/85	NM-7 82.0(9)		5001	30S/26E-22H01 M		10/10/84 02/15/85	NM-7 NM-7		5001
30S/26E-01H01 M	365.0	10/10/84 02/14/85	89.0 91.0	276.0 274.0	5001	30S/26E-22P01 M	338.0	10/01/84 01/28/85	122.5 94.0	215.5 244.0	5001
30S/26E-01R01 M		10/10/84 02/14/85	NM-7 NM-7		5001	30S/26E-22P02 M	333.0	10/01/84 01/28/85	119.5 80.0	218.5 258.0	5001
30S/26E-02A01 M	362.0	10/01/84 01/28/85	63.0 39.0	299.0 323.0	5001	30S/26E-22P03 M	338.0	10/01/84 01/28/85	108.5 79.0	229.5 259.0	5001
30S/26E-03B01 M		10/10/84 02/14/85	NM-5 69.0(9)		5001	30S/26E-23F01 M	345.0	10/10/84 02/15/85	116.0(9) 108.0(9)	229.0 237.0	5001
30S/26E-04B01 M	347.0	10/11/84 02/14/85	99.0(9) 91.0	248.0 256.0	5001	30S/26E-23R01 M		10/10/84 02/15/85	NM-7 NM-7		5001
30S/26E-04L01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-25G01 M	346.5	10/01/84 01/28/85	134.0 99.5	212.5 247.0	5001
30S/26E-05B01 M	340.0	10/11/84 02/14/85	98.0(9) NM-7	242.0	5001	30S/26E-24A01 M	342.4	10/02/84 01/30/85	116.2(9) 101.2(9)	226.2 241.2	5050
30S/26E-05H01 M		10/11/84 02/14/85	NM-7 93.0(9)		5001	30S/26E-26C01 M		10/02/84 01/30/85	NM-1 96.0(9)	244.6	5050
30S/26E-06B01 M	340.0	10/11/84 02/14/85	91.0(9) 95.0(9)	249.0 245.0	5001	30S/26E-26J01 M	341.9	10/02/84 01/30/85	117.0(9) 104.0(9)	224.9 237.9	5050
30S/26E-06N01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-26K01 M	334.3	10/02/84 01/30/85	104.5(9) 91.5(9)	229.8 242.8	5050
30S/26E-07J01 M		10/11/84 02/14/85	NM-7 NM-7		5001	30S/26E-27J01 M	335.8	10/02/84 01/30/85	102.0(9) 92.0(9)	233.8 243.8	5050
30S/26E-07L02 M	322.0	10/01/84 01/28/85	87.0 64.0	235.0 258.0	5001	30S/26E-28G01 M		10/10/84 02/15/85	NM-1 NM-9		5001
30S/26E-07N01 M		10/11/84 02/14/85	NM-7 83.0(9)		5001	30S/26E-31N01 M	308.0	10/01/84 01/29/85	99.0 86.0	209.0 222.0	5001
30S/26E-08B01 M		10/11/84 02/14/85	NM-7 70.5(9)		5001	30S/26E-34A01 M	332.9	10/02/84 01/30/85	106.2(9) 95.2(9)	226.7 237.7	5050
30S/26E-10J01 M		10/10/84 02/14/85	NM-7 69.0(9)		5001	30S/26E-34J01 M	329.8	10/02/84 01/30/85	109.7(9) 96.7(9)	221.1 233.1	5050
						30S/26E-34L01 M	327.0	10/02/84	111.0(9)	218.0	5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.V	TULARE LAKE HR SOUTH VALLEY FLOOR HU KERN DELTA HA					C C-01 C-01.V	TULARE LAKE HR SOUTH VALLEY FLOOR HU KERN DELTA HA				
305/26E-34L01 M	327.0	01/30/85	97.0(9)	230.0	5050	305/28E-35L01 M	367.0	10/04/84 01/29/85	NM-1 219.0(9)	148.0	5001
305/26E-35801 M	336.0	10/02/84 01/30/85	126.7(9) 114.7(9)	209.3 221.3	5050	315/25E-11601 M	297.0	10/01/84 01/25/85	60.0 46.0	237.0 251.0	5001
305/26E-39K01 M	334.0	10/02/84 01/30/85	130.7(9) 116.7(9)	203.3 217.3	5050	315/25E-13801 M	295.3	10/10/84 02/15/85 09/30/85	NM-7 82.4(9) 81.4(9)	212.9 213.9	5001
305/26E-36A01 M	340.5	10/02/84 01/30/85	119.9 112.9(9)	220.6 227.6	5050	315/25E-13E01 M	293.7	10/02/84 01/30/85 09/30/85	89.7(9) 74.7(9) NM-7	204.0 219.0	5050 5001
305/26E-36C01 M	339.4	10/02/84 01/30/85	119.9(9) 106.9(9)	219.5 232.5	5050	315/25E-15P01 M	290.0	10/31/84 01/25/85	72.0 58.0	218.0 232.0	5001
305/27E-01M01 M	385.0	10/01/84 02/01/85 09/01/85	166.0 164.0 173.0	219.0 221.0 212.0	5001	315/25E-16J01 M	297.0	10/31/84 01/25/85	75.0 49.0	222.0 248.0	5001
305/27E-02A01 M	388.2	10/01/84 02/01/85 09/01/85	143.0 140.0 150.0	245.2 248.2 238.2	5001	315/25E-26A01 M	289.0	10/31/84 01/25/85	81.0 57.0	208.0 232.0	5001
305/27E-05D01 M	374.7	10/10/84 02/15/85 09/30/85	103.0(9) NM-7 109.0(9)	271.7 NM-7 265.7	5001	315/25E-36A01 M	289.0	10/01/84 01/25/85	86.0 66.0	203.0 223.0	5001
305/27E-05K01 M	374.7	10/02/84 01/30/85 09/30/85	NM-9 102.6(9) NM-9	5001 272.1 5050 5001		315/25E-36J01 M	286.0	10/01/84 01/25/85	77.0 53.0	209.0 233.0	5001
305/27E-06J01 M	372.2	10/10/84 02/15/85 09/30/85	89.0(9) NM-7 102.0(9)	283.2 NM-7 270.2	5001	315/25E-36R01 M	286.0	10/10/84 01/24/85	77.0 53.0	209.0 233.0	5001
305/27E-06K02 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7	5001		315/26E-01C02 M	331.0	10/02/84 01/30/85 09/30/85	86.1(9) 85.1(9) NM-7	244.9 245.9	5050 5001
305/27E-19A01 M	357.6	10/10/84 02/15/85 09/30/85	121.1(9) NM-7 124.1(9)	236.5 NM-7 233.5	5001	315/26E-02A01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-4 NM-1	5001	
305/27E-19J01 M	354.0	10/10/84 02/15/85 09/30/85	NM-7 116.5(9) NM-7	5001 237.5		315/26E-02J01 M	327.0	10/10/84 02/15/85 09/30/85	NM-7 NM-4 37.0(9)	290.0	5001
305/27E-19L01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7	5001		315/26E-03J01 M	325.0	10/10/84 02/15/85 09/30/85	NM-7 93.0(9) 112.5(9)	232.0 212.5	5001
305/27E-20801 M		10/10/84 02/15/85 09/30/85	NM-7 NM-2 NM-7	5001		315/26E-08G01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-9 NM-7	5001	
305/27E-20G01 M	360.0	10/10/84 02/15/85 09/30/85	NM-7 107.0(9) NM-7	5001 253.0		315/26E-08P01 M	305.0	10/10/84 02/15/85 09/30/85	NM-7 NM-9 95.0(9)	210.0	5001
305/27E-21001 M	365.0	10/02/84 01/30/85	135.3 128.3	229.7 236.7	5050	315/26E-10J01 M	319.0	10/10/84 02/15/85 09/30/85	NM-7 103.0(9) 113.0(9)	216.0 206.0	5001
305/27E-27J01 M	355.0	10/01/84 01/29/85	150.6 129.6	204.4 225.4	5001	315/26E-10L01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7	5001	
305/27E-30J01 M	348.0	10/01/84 01/29/85	137.0 120.0(4)	211.0 228.0	5001	315/26E-11A01 M	320.0	10/10/84 02/15/85 09/30/85	NM-7 NM-7 116.0(9)	204.0	5001
305/27E-31A01 M	345.0	10/01/84 01/29/85	132.0 120.0	213.0 225.0	5001	315/26E-11001 M	315.0	10/10/84 02/15/85 09/30/85	NM-7 108.0(9) NM-7	208.0	5001
305/27E-32801 M	348.0	10/01/84 01/29/85	139.0 128.0	209.0 220.0	5001	315/26E-13801 M	320.8	10/10/84 02/15/85 09/30/85	NM-7 105.5(9) NM-4	215.3	5001
305/27E-34E01 M	350.0	10/01/84 01/29/85	148.5 134.0	201.5 216.0	5001	315/26E-13M01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-5	5001	
305/27E-35K01 M	351.0	10/01/84 01/29/85	161.0 135.0	190.0 216.0	5001	315/26E-14P01 M	315.0	10/10/84 02/15/85 09/30/85	NM-7 102.0(9) 118.0(9)	213.0 197.0	5001
305/27E-36M01 M	349.0	10/01/84 01/29/85	140.0 136.0	209.0 213.0	5001	315/26E-14K01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7	5001	
305/28E-02R01 M	410.0	10/04/84 01/29/85	169.0(9) 166.0(9)	241.0 244.0	5001	315/26E-15001 M		10/10/84 02/15/85 09/30/85	NM-7 NM-9 NM-5	5001	
305/28E-03001 M	375.0	10/04/84 01/29/85	185.0(9) NM-9	190.0	5001	315/26E-16D01 M	310.0	10/10/84 02/15/85 09/30/85	NM-7 91.0 NM-7	219.0	5001
305/28E-07801 M	384.0	10/01/84 02/01/85 09/01/85	179.0 168.0 177.0	205.0 218.0 207.0	5001	315/26E-16P01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-9 NM-7	5001	
305/28E-09801 M	382.0	10/04/84 01/29/85	191.0(9) 178.0(9)	191.0 204.0	5001	315/26E-17001 M	302.0	10/10/84 02/15/85 09/30/85	NM-7 83.0 NM-7	219.0	5001
305/28E-11F01 M	387.0	10/04/84 01/29/85	210.0(9) NM-9	177.0	5001	315/26E-20A01 M	299.0	10/10/84 02/15/85 09/30/85	NM-7 NM-7 107.0(9)	191.0	5001
305/28E-16801 M	374.0	10/04/84 01/29/85	183.0(9) 172.0(9)	191.0 202.0	5001	315/26E-20C01 M		10/10/84	NM-7	5001	
305/28E-23J01 M	385.0	10/04/84 01/29/85	NM-1 224.0(9)	161.0	5001						
305/28E-24L01 M	399.0	10/04/84 01/29/85	NM-1 248.0(9)	151.0	5001						
305/28E-26A01 M		10/04/84 01/29/85	NM-3 NM-3	5001							

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.V	TULARE LAKE M8 SOUTH VALLEY FLOOR HU KERN DELTA MA					C C-01 C-01.V	TULARE LAKE M8 SOUTH VALLEY FLOOR HU KERN DELTA MA				
31S/26E-20C01 M	300.0	02/15/85 09/30/85	89.0 NM-7	211.0	5001	31S/27E-19D01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-20M01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7		5001	31S/27E-19G01 M	309.0	10/10/84 02/15/85	NM-7 93.0(9)	216.0	5001
31S/26E-21A01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7		5001	31S/27E-19H01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-21J01 M	300.0	10/10/84 02/15/85 09/30/85	NM-7 110.0(9) NM-7	190.0	5001	31S/27E-24C01 M	323.0	10/02/84 01/30/85	99.5(9) 90.5(9)	223.5 232.5	5050
31S/26E-21M01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-9 119.0(9)	176.0	5001	31S/27E-25D01 M	314.0	10/10/84 01/23/85	99.0 81.0	215.0 233.0	5001
31S/26E-23L01 M	305.0	10/10/84 02/15/85 09/30/85	NM-7 111.0(9) 105.0(9)	194.0 200.0	5001	31S/27E-26R01 M	316.0	10/10/84 01/23/85	82.0 77.0	234.0 239.0	5001
31S/26E-24R01 M	309.0	10/10/84 01/24/85	92.5 78.0	216.5 231.0	5001	31S/27E-26D01 M	315.0	10/10/84 02/15/85	NM-7 96.0(9)	219.0	5001
31S/26E-26M01 M	298.0	10/02/84 01/30/85 09/30/85	82.0(9) NM-1 NM-7	216.0	5050 5001	31S/27E-26L01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-27D01 M	298.0	10/10/84 02/15/85 09/30/85	NM-7 102.0(9) 101.0(9)	196.0 197.0	5001	31S/27E-28J01 M	312.1	10/10/84 01/23/85	71.0 61.0	241.1 251.1	5001
31S/26E-27G01 M		10/10/84 02/15/85 09/30/85	NM-7 NM-7 NM-7		5001	31S/27E-29D01 M	309.8	10/10/84 02/15/85	NM-7 94.5(9)	215.3	5001
31S/26E-27M02 M	295.0	10/10/84 01/24/85	97.5 NM-1	197.5	5001	31S/27E-29J01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-28D01 M	295.0	10/10/84 02/15/85 09/30/85	NM-7 135.0(9) NM-1	160.0	5001	31S/27E-29L02 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-30G01 M	292.0	10/10/84 01/24/85	34.0 14.0	258.0 278.0	5001	31S/27E-30A01 M	310.0	10/10/84 01/23/85	92.0 84.0	218.0 246.0	5001
31S/26E-30G03 M		10/10/84 02/15/85 09/30/85	NM-7 NM-4 127.0(9)	165.0	5001	31S/27E-30C01 M		10/10/84 02/15/85	NM-7 NM-4		5001
31S/26E-30P01 M	290.0	01/24/85	27.0	263.0	5133	31S/27E-31C01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/26E-36A01 M	296.0	10/10/84 02/15/85 09/30/85	NM-7 70.5(9) 77.5(9)	225.5 218.5	5001	31S/27E-31J01 M		10/10/84 01/23/85	NM-7 NM-4		5001
31S/26E-36E01 M	292.0	10/10/84 01/24/85	55.0 42.0	237.0 250.0	5001	31S/27E-31J02 M	295.0	10/10/84 02/15/85	NM-7 90.0(9)	205.0	5001
31S/27E-01E01 M	345.0	10/10/84 01/24/85	111.0 96.0	234.0 249.0	5001	31S/27E-31M01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/27E-02G01 M	344.0	10/10/84 01/24/85	143.5 101.0	200.5 243.0	5001	31S/27E-32A01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/27E-04D01 M	340.0	10/10/84 01/24/85	148.0 103.0	192.0 237.0	5001	31S/27E-32C01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/27E-04J02 M	342.0	10/10/84 01/23/85	151.0 100.0	191.0 242.0	5001	31S/27E-32J01 M	297.0	10/10/84 02/15/85	NM-7 98.5(9)	208.5	5001
31S/27E-04L01 M		10/10/84 02/15/85	NM-7 NM-4		5001	31S/27E-33K01 M		10/10/84 02/15/85	NM-7 NM-1		5001
31S/27E-05A01 M	344.0	10/10/84 01/23/85	152.5 NM-1	191.5	5001	31S/27E-35C01 M	307.0	10/10/84 02/15/85	NM-7 77.0(9)	230.0	5001
31S/27E-05C01 M	342.0	10/10/84 01/23/85	152.0 105.0	190.0 237.0	5001	31S/27E-35J01 M		10/10/84 02/15/85	NM-7 NM-7		5001
31S/27E-05P01 M	337.0	10/02/84 01/30/85	131.0(9) 136.0(9)	206.0 201.0	5050	31S/28E-05C01 M	344.0	10/03/84 01/28/85	60.5 60.0(9)	285.5 286.0	5001
31S/27E-06B02 M	339.0	10/10/84 01/23/85	128.0 101.0	211.0 238.0	5001	31S/28E-06J01 M	339.6	10/03/84 01/28/85	92.0(9) 89.0(9)	247.6 250.6	5001
31S/27E-07C01 M	332.6	10/10/84 02/15/85	NM-7 121.0(9)	211.6	5001	31S/28E-10A01 M	357.0	10/03/84 01/29/85	231.0(9) 225.0(9)	126.0 132.0	5001
31S/27E-07F01 M		10/10/84 02/15/85	NM-7 NM-7		5001	31S/28E-12D02 M	380.0	10/04/84 01/29/85	218.0(9) 212.0(9)	162.0 168.0	5001
31S/27E-09L01 M	332.0	10/10/84 01/23/85	165.0 NM-1	167.0	5001	31S/28E-14C01 M	360.0	10/04/84 01/29/85	58.5(9) 60.5(9)	301.5 299.5	5001
31S/27E-12J01 M	333.0	10/10/84 01/23/85	99.0 NM-1	235.0	5001	31S/28E-14D01 M	360.0	10/04/84 01/29/85	66.0(9) 54.0(9)	294.0 306.0	5001
31S/27E-13C01 M		10/10/84 02/15/85	NM-7 NM-4		5001	31S/28E-22C01 M	330.0	10/04/84 01/29/85	26.5(9) 21.0(9)	303.5 309.0	5001
31S/27E-16R01 M	323.0	10/10/84 01/23/85	133.5 106.0	189.5 217.0	5001	31S/28E-22C02 M	332.0	10/04/84 01/29/85	31.0(9) 28.0(9)	301.0 304.0	5001
31S/27E-17J01 M	325.0	10/10/84 01/23/85	139.0 107.0	186.0 218.0	5001	31S/28E-23J01 M	357.0	10/03/84 01/29/85	NM-5 82.5(9)	274.5	5001
						31S/28E-24L01 M	362.0	10/03/84 01/29/85	87.0(9) NM-9	275.0	5001
						31S/28E-27A02 M	329.8	10/03/84 01/29/85	34.5(9) 25.0	295.3 294.8	5001
						31S/28E-27J01 M	324.0	10/03/84 01/29/85	37.0 NM-9	287.0	5001
						31S/28E-28A01 M	315.0	10/03/84	83.5	231.5	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.V	TULARE LAKE WB SOUTH VALLEY FLOOR HU KERN DELTA MA					C C-01 C-01.W	TULARE LAKE WB SOUTH VALLEY FLOOR HU TAFT MA				
31S/28E-28A01 M	315.0	01/29/85	66.0(9)	249.0	5001	31S/24E-22L01 P	379.0	10/01/84 01/25/85	103.0 79.0	276.0 300.0	5001
31S/28E-28001 M	312.0	10/03/84 01/29/85	28.5 17.5(9)	283.5 294.5	5001	C-01.X	ARVIN-WHEELER RIDGE 4A				
31S/28E-29L01 M		10/03/84 01/29/85	NM-4 27.0		5001	29S/28E-34A01 P		10/03/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001
31S/28E-30M01 M	314.7	10/02/84 01/30/85	111.0(9) 99.0(9)	203.7 215.7	5050	29S/28E-35F01 P	415.0	02/01/85 09/01/85	288.0 308.0	127.0 107.0	5001
31S/28E-31001 M	307.0	10/02/84 01/30/85	194.0(9) 74.0(9)	113.0 233.0	5050	29S/28E-36R01 P	480.0	10/03/84 02/11/85 09/27/85	324.0(9) 323.0(9) 325.0(9)	134.0 157.0 155.0	5001
31S/28E-31E01 M	303.0	10/02/84 01/30/85	93.0 74.0(9)	210.0 229.0	5050	29S/28E-36G01 P		10/03/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001
31S/28E-31M01 M	301.0	10/02/84 01/30/85	77.0(9) 64.0	224.0 237.0	5050	29S/28E-36J03 P	452.0	10/03/84 02/11/85 09/27/85	279.0(9) 277.0(9) 274.0(9)	173.0 175.0 178.0	5001
31S/28E-36A01 M	352.0	10/03/84 01/29/85	222.5(9) 193.5(9)	129.5 159.5	5001	29S/29E-31002 P		10/03/84 02/11/85 09/27/85	NM-4 NM-7 NM-7		5001
31S/29E-07C01 M	405.0	10/03/84 01/29/85	NM-2 248.0(9)		5001	29S/29E-32A02 P	595.0	10/03/84 02/11/85 09/27/85	397.0(9) 393.0(9) 389.0(9)	198.0 202.0 206.0	5001
31S/29E-18K01 M	395.0	10/03/84 01/29/85	NM-7 217.0(9)		5001	29S/29E-33F02 P		10/03/84 02/11/85 09/27/85	DBV DBV 347.0(9)		5001
31S/29E-19R01 P	385.0	10/03/84 01/29/85	111.0(9) 111.0(9)	274.0 274.0	5001	29S/29E-33M01 P	578.0	10/03/84 02/11/85 09/27/85	329.0(9) 327.0(9) 325.0(9)	249.0 251.0 253.0	5001
31S/29E-30J01 M	376.0	10/03/84 01/29/85	236.0(9) 217.0(9)	140.0 159.0	5001	30S/28E-12J02 P		10/03/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001
31S/29E-32A01 M	383.0	10/03/84 01/29/85	113.5 119.5(9)	269.5 263.5	5001	30S/29E-02F01 P		10/04/84 02/11/85 09/27/85	DBV NM-7 NM-7		5001
32S/25E-01M01 M	286.0	10/10/84 01/23/85	101.0 79.0	185.0 207.0	5001	30S/29E-03B01 P	680.0	10/04/84 02/11/85 09/27/85	370.5(9) 411.5(9) 393.5(9)	309.5 248.5 286.5	5001
32S/25E-12R01 M	294.0	10/10/84 01/23/85	17.0 16.0	277.0 279.0	5001	30S/29E-03V01 P		10/04/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001
32S/26E-01C03 M	290.0	10/10/84 01/22/85	67.0 61.0	223.0 229.0	5001	30S/29E-05F01 P		10/04/84 02/11/85 09/27/85	NM-3 NM-3 NM-3		5001
32S/26E-02F01 M	259.0	10/02/84 01/30/85	119.0 95.0(9)	170.0 194.0	5050	30S/29E-05M01 P	550.0	10/04/84 02/11/85	352.0(9) 344.0(9)	198.0 206.0	5001
32S/26E-11R02 M	295.0	01/00/85	111.0	184.0	5649	30S/29E-06A01 P		10/04/84 02/11/85	NM-0 NM-7		5001
32S/26E-13R01 M	303.0	01/00/85	136.0	167.0	5649	30S/29E-06F01 P		10/04/84 02/12/85	NM-3 NM-3		5001
32S/26E-28R01 M	382.0	01/00/85	123.0	259.0	5649	30S/29E-06M01 M	477.0	10/04/84 02/12/85	NM-3 314.0(9)		5001
32S/26E-33R01 P	430.0	01/00/85	174.0	256.0	5649	30S/29E-06J01 P		10/04/84 02/12/85	NM-3 NM-3		5001
32S/26E-35M01 M	419.0	01/00/85	199.0	220.0	5649	30S/29E-11C02 P		10/04/84 02/12/85	NM-5 NM-5		5001
32S/27E-01Q01 M	295.0	10/10/84 01/22/85	58.0 30.0	237.0 265.0	5001	30S/29E-11M01 P		10/04/84 02/12/85	NM-3 NM-3		5001
32S/27E-02B01 M		10/02/84 01/30/85	NM-4 NM-0		5001 5050	30S/29E-16J01 P		10/04/84 02/12/85	NM-3 NM-3		5001
32S/27E-02P01 M	291.6	10/02/84 01/30/85	92.5(9) 56.5(9)	199.1 235.1	5050	30S/29E-16J02 P	535.0	10/04/84 02/12/85	373.0(9) 359.0(9)	192.0 166.0	5001
32S/27E-03P01 M		10/02/84 01/30/85	NM-9 71.5(9)		5001 5050	30S/29E-16L01 P	512.3	10/04/84 02/12/85	347.5(9) 340.5(9)	164.8 171.8	5001
32S/27E-04F01 M	293.0	10/02/84 01/30/85	84.0 55.0(9)	209.0 238.0	5050	30S/29E-17A01 P		10/05/84 02/12/85	NM-3 NM-3		5001
32S/27E-04M01 M	294.0	10/02/84 01/30/85	102.5(9) 72.5(9)	191.5 221.5	5050	30S/29E-20L01 P	443.0	10/05/84 02/15/85	304.0(9) 292.0(9)	144.0 149.0	5001
32S/27E-07L01 M	294.0	10/10/84 01/22/85	30.0 25.0	264.0 269.0	5001	30S/29E-21A01 P	512.2	10/05/84 02/15/85	343.3(9) 349.3(9)	155.0 162.9	5001
32S/27E-08R01 M	285.0	10/02/84 01/30/85	163.8(9) 119.8(9)	121.2 165.2	5050	30S/29E-21J01 P	510.0	10/05/84 02/15/85	NM-1 343.0(9)		5001
32S/27E-15A01 M	280.2	10/02/84 01/30/85	64.0(9) 38.0	216.2 242.2	5050	30S/29E-22C03 P		10/05/84 02/15/85	NM-3 NM-3		5001
32S/27E-16R02 M		10/02/84 01/30/85	NM-1 43.0(9)		5001 5050	30S/29E-23B01 P		10/05/84 02/15/85	NM-3 NM-3		5001
32S/27E-17M01 M	291.6	10/02/84 10/03/84 01/30/85	53.1(9) 42.1 41.1(9)	238.5 249.5 250.5	5050	30S/29E-26J02 P	609.0	10/05/84	435.5(9)	169.5	5001
32S/27E-23M01 M		10/02/84 01/30/85	NM-1 NM-1		5001 5050						
32S/27E-23P01 M		10/02/84 01/30/85	NM-1 NM-1		5001 5050						
32S/29E-01P01 M	342.0	10/03/84 01/29/85	229.0(9) NM-9	113.0	5001						
32S/29E-12M03 M	362.0	10/03/84 01/29/85	241.0(9) 196.0(9)	121.0 166.0	5001						
32S/29E-14M01 M	357.0	10/25/84 02/21/85	135.0(9) NM-7	222.0	5001						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA					C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA				
30S/29E-26J02 M	608.0	02/15/85	433.5(9)	174.5	5001	31S/29E-34C01 M		10/22/84 02/21/85	NM-8 NM-8		5001
30S/29E-26R01 M		10/08/84 02/15/85	NM-3 NM-3		5001	31S/29E-35D01 M		10/22/84 02/21/85	NM-3 NM-3		5001
30S/29E-27A01 M		10/08/84 02/15/85	NM-3 NM-3		5001	31S/29E-35K01 M		10/22/84 02/21/85	NM-9 NM-7		5001
30S/29E-27M01 M	511.6	10/08/84 02/15/85	357.4(9) 354.4(9)	154.2 157.2	5001	31S/29E-36G01 M	411.0	10/22/84 02/21/85	237.5(9) 234.5(9)	173.5 176.5	5001
30S/29E-29A01 M	450.0	10/08/84 02/15/85	303.5(9) 296.5(9)	146.5 133.5	5001	31S/30E-06E01 M	564.0	10/22/84 02/21/85	391.0(9) NM-1	173.0	5001
30S/29E-30A02 M	435.0	10/08/84 02/15/85	285.0(9) 378.0(9)	150.0 57.0	5001	31S/30E-06L01 M	565.0	10/22/84 02/21/85	394.0(9) 386.0(9)	171.0 177.0	5001
30S/29E-31A02 M		10/12/84 02/15/85	NM-2 NM-2		5001	31S/30E-07D01 M		10/22/84 02/21/85	NM-3 NM-3		5001
30S/29E-34A01 M	511.1	10/12/84 02/15/85	357.1(9) 350.1(9)	154.0 161.0	5001	31S/30E-16G01 M	560.0	10/22/84 02/21/85	379.0(9) 379.0(9)	181.0 181.0	5001
30S/29E-34P02 M		10/12/84 02/15/85	NM-1 336.0(9)		5001	31S/30E-16N01 M	502.0	10/22/84 02/21/85	324.0(9) 319.0(9)	178.0 183.0	5001
30S/29E-36K01 M	582.0	10/12/84 02/15/85	407.5(9) 396.5(9)	174.5 185.5	5001	31S/30E-17E01 M		10/22/84 02/21/85	NM-1 331.0(9)		5001
30S/29E-36L01 M		10/12/84 02/15/85	NM-3 NM-3		5001	31S/30E-17K01 M	497.0	10/22/84 02/21/85	321.0(9) 341.0(9)	176.0 156.0	5001
30S/30E-09E01 M		10/12/84 02/15/85	DRY 230.0(9)		5001	31S/30E-18H01 M		10/22/84 02/21/85	NM-3 NM-3		5001
30S/30E-09Q01 M	935.0	10/12/84 02/15/85	NM-3 NM-3		5001	31S/30E-18H02 M	497.5	10/16/84 02/21/85	313.0(9) 324.0(9)	184.5 173.5	5001
30S/30E-18802 M	842.0	10/12/84 02/15/85	192.5(9) 194.5(9)	649.5 647.5	5001	31S/30E-18L01 M		10/24/84 02/21/85	NM-3 NM-3		5001
30S/30E-19E01 M	758.0	10/12/84 02/19/85	167.0(9) 166.0(9)	591.0 592.0	5001	31S/30E-21G01 M	536.0	10/24/84 02/21/85	279.0(9) 282.0(9)	257.0 254.0	5001
30S/30E-20E01 M	727.0	10/15/84 02/19/85	102.5(9) 105.5(9)	624.5 621.5	5001	31S/30E-21P01 M		10/24/84 02/21/85	NM-4 NM-4		5001
30S/30E-31M01 M	590.0	10/15/84 02/19/85	422.0(9) 419.0(9)	168.0 171.0	5001	31S/30E-29N01 M	482.0	10/24/84 02/21/85	301.5(9) NM-1	180.5	5001
31S/29E-01D01 M	549.0	10/17/84 02/19/85	399.0(9) 377.0(9)	150.0 172.0	5001	31S/30E-30C01 M		10/24/84 02/21/85	NM-3 NM-3		5001
31S/29E-02D01 M	509.5	10/17/84 02/19/85	355.7(9) 348.7(9)	153.8 160.8	5001	31S/30E-30D01 M		10/24/84 02/21/85	NM-3 NM-3		5001
31S/29E-02M01 M	505.0	10/17/84 02/19/85	366.0(9) 383.0(9)	139.0 122.0	5001	31S/30E-31H02 M	455.0	10/24/84 02/21/85	275.0(9) 280.0(9)	180.0 175.0	5001
31S/29E-03A02 M	509.0	10/17/84 02/20/85	365.0(9) 355.0(9)	144.0 154.0	5001	31S/30E-32C01 M		10/24/84 02/21/85	NM-3 NM-3		5001
31S/29E-03C01 M	492.5	10/17/84 02/20/85	346.0(9) 334.0(9)	146.5 158.5	5001	32S/25E-24R01 M	343.0	10/03/84 01/00/85	148.0 139.0	195.0 204.0	5050 5649
31S/29E-04P01 M		10/17/84 02/20/85	NM-3 NM-8		5001	32S/25E-29Q01 M	420.0	10/10/84 01/23/85	168.0 168.0	252.0 252.0	5001
31S/29E-05E01 M	429.0	10/17/84 02/20/85	326.5(9) 311.5(9)	102.5 117.5	5001	32S/26E-14J01 M	304.0	01/00/85	127.0	177.0	5649
31S/29E-07A01 M		10/17/84 02/20/85	NM-8 NM-8		5001	32S/26E-15E01 M	309.0	10/03/84	157.0	152.0	5050
31S/29E-09C01 M		10/19/84 02/20/85	NM-8 NM-8		5001	32S/26E-15H01 M	307.0	10/03/84	160.0	147.0	5050
31S/29E-10K01 M		10/19/84 02/20/85	NM-1 NM-1		5001	32S/26E-16R01 M	320.0	01/00/85	144.0	176.0	5649
31S/29E-11801 M	513.0	10/19/84 02/20/85	350.0(9) NM-3	163.0	5001	32S/26E-17B01 M	301.0	01/00/85	223.0	76.0	5649
31S/29E-11D01 M		10/19/84 02/20/85	NM-1 356.0(9)		5001	32S/26E-17E01 M	308.0	01/00/85	128.0	180.0	5649
31S/29E-12M01 M	513.0	10/19/84 02/20/85	348.0(9) 343.0(9)	165.0 170.0	5001	32S/26E-18A01 M	299.0	10/03/84	151.0	148.0	5050
31S/29E-14L01 M		10/19/84 02/20/85	NM-3 NM-3		5001	32S/26E-19801 M	326.0	10/03/84 01/00/85	141.0 146.0	145.0 180.0	5050 5649
31S/29E-17H02 M	425.0	10/19/84 02/20/85	288.0(9) NM-1	137.0	5001	32S/26E-20F01 M	333.0	01/00/85	151.0	182.0	5649
31S/29E-25C01 M	447.0	10/22/84 02/20/85	188.0(9) 185.0(9)	259.0 262.0	5001	32S/26E-21F01 M	335.0	10/03/84 01/00/85	185.0 174.0	150.0 161.0	5050 5649
31S/29E-26001 M	418.0	10/22/84 02/21/85	302.5(9) 280.5(9)	115.5 137.5	5001	32S/26E-21N01 M	348.0	10/03/84 01/00/85	208.0 175.0	140.0 173.0	5050 5649
31S/29E-27C01 M		10/22/84 02/21/85	NM-9 NM-7		5001	32S/26E-23H01 M	321.0	10/03/84 01/00/85	175.0 123.0	146.0 198.0	5050 5649
31S/29E-28R01 M		10/22/84 02/21/85	NM-2 NM-2		5001	32S/26E-25G01 M	342.0	10/03/84 01/00/85	165.0 161.0	177.0 181.0	5050 5649
31S/29E-34A01 M		10/22/84 02/21/85	NM-2 253.5(9)		5001	32S/26E-26001 M	340.0	10/03/84	205.0	135.0	5050
	413.0			159.5		32S/26E-28H02 M	362.0	01/00/85	192.0	170.0	5649
						32S/26E-34G01 M	402.0	10/10/84 01/22/85	229.0 208.0	173.0 194.0	5001
						32S/27E-24P01 M		10/02/84 01/30/85	NM-1 NM-1		5001 5050

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.X	TULARE LAKE H8 SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA					C C-01 C-01.X	TULARE LAKE H8 SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA				
32S/27E-24R01 M		10/02/84 01/30/85	NM-1 NM-1		5001 5050	32S/29E-15L01 M		10/26/84 02/22/85	NM-3 NM-3		5001
32S/27E-28H01 M	305.0	10/03/84	193.0	112.0	5050	32S/29E-16J02 M	450.5	10/26/84 02/22/85	310.5(9) 283.5(9)	140.0 167.0	5001
32S/27E-30B01 M	315.0	01/00/85	125.0	190.0	5649	32S/29E-16L01 M	432.0	10/26/84 02/22/85	172.0(9) NM-8	260.0	5001
32S/27E-30N01 M	350.0	01/00/85	206.0	144.0	5649	32S/29E-16L03 M	433.0	10/26/84 02/22/85	NM-1 257.0(9)	176.0	5001
32S/27E-34F01 M	303.0	10/10/84 01/22/85	5.0 NM-9	298.0	5001	32S/29E-16R02 M		10/26/84 02/22/85	NM-7 NM-7		5001
32S/27E-35R01 M	344.0	10/10/84 01/22/85	157.0 155.0(8)	187.0 189.0	5001	32S/29E-17G02 M	413.0	10/26/84 02/26/85	263.5(9) 248.5(9)	149.5 164.5	5001
32S/27E-36J01 M		10/10/84 02/15/85	NM-7 NM-1		5001	32S/29E-18H01 M	398.0	10/26/84 02/26/85	NM-3 139.5(9)	258.5	5001
32S/27E-36R01 M		10/10/84 02/15/85	NM-7 NM-1		5001	32S/29E-19P02 M	420.0	10/26/84 02/26/85	195.0(9) 190.0(9)	225.0 230.0	5001
32S/28E-13F01 M		10/24/84 02/21/85	NM-5 NM-5		5001	32S/29E-20H01 M	436.0	10/26/84 02/26/85	284.5(9) 257.5(9)	151.5 178.5	5001
32S/28E-16C01 M	300.0	10/03/84	191.0	109.0	5050	32S/29E-27H01 M	509.5	10/26/84 02/26/85	340.5(9) 337.5(9)	169.0 172.0	5001
32S/28E-17K01 M	310.0	10/03/84	204.0	106.0	5050	32S/29E-29F01 M		10/26/84 02/26/85	NM-3 NM-5		5001
32S/28E-21R01 M		10/25/84 02/21/85	NM-3 NM-3		5001	32S/29E-30R01 M	457.0	10/29/84 02/26/85	323.5(9) 303.5(9)	133.5 153.5	5001
32S/28E-22P02 M		10/10/84 02/15/85	NM-7 NM-1		5001	32S/29E-31F01 M		10/29/84 02/26/85	NM-8 NM-8		5001
32S/28E-22R03 M		10/10/84 02/15/85	NM-7 NM-1		5001	32S/29E-31N01 M		10/29/84 02/26/85	NM-3 NM-3		5001
32S/28E-23H01 M		10/25/84 02/21/85	NM-4 NM-7		5001	32S/29E-32R02 M		10/29/84 02/26/85	NM-3 NM-3		5001
32S/28E-23R01 M		10/25/84 02/21/85	NM-5 NM-5		5001	32S/29E-33G01 M	512.0	10/29/84 02/28/85	NM-3 337.5(9)	174.5	5001
32S/28E-25B01 M		10/25/84 02/21/85	NM-3 NM-7		5001	32S/30E-06C01 M		10/29/84 02/20/85	NM-2 NM-2		5001
32S/28E-25B02 M	401.0	10/25/84 02/21/85	275.0(9) 259.0(9)	126.0 142.0	5001	32S/30E-06L01 M	445.0	10/29/84 02/22/85	254.0(9) 250.0(9)	191.0 195.0	5001
32S/28E-25P03 M	421.0	10/25/84 02/21/85	204.0(9) 381.0(9)	217.0 40.0	5001	11N/18W-18001 S	697.0	01/00/85	523.0	174.0	5649
32S/28E-26E01 M		10/10/84 02/15/85	NM-7 NM-7		5001	11N/18W-18N01 S	708.0	01/00/85	529.0	179.0	5649
32S/28E-27R01 M	369.0	10/10/84 02/15/85	NM-7 219.0(9)	150.0	5001	11N/18W-19001 S	714.0	01/00/85	542.0	172.0	5649
32S/28E-28H01 M	378.0	10/25/84 02/22/85	259.0(9) 242.0(9)	119.0 136.0	5001	11N/19W-02H01 S	604.0	01/30/85	538.5	65.5	5649
32S/28E-31R01 M		10/25/84 02/22/85	NM-9 NM-7		5001	11N/19W-04H01 S	576.0	01/00/85	530.8	45.2	5649
32S/28E-34F01 M	410.0	10/10/84 02/15/85	NM-7 302.5	107.5	5001	11N/19W-05R01 S	612.0	10/29/84 01/30/85 02/28/85	NM-9 460.5 454.5(9)	151.5 157.5	5001 5649
32S/28E-34L01 M		10/10/84 02/15/85	NM-7 NM-7		5001	11N/19W-07P01 S	657.0	10/02/84 10/30/84 01/00/85 03/06/85	572.0 563.0(9) 569.0 553.0(9)	85.0 94.0 88.0 104.0	5050 5001 5649 5001
32S/28E-34R01 M	447.0	10/25/84 02/22/85	329.0(9) 314.0(9)	118.0 133.0	5001	11N/19W-07R03 S		10/30/84 03/06/85	NM-3 NM-3		5001
32S/28E-36H02 M	438.0	10/25/84 02/22/85	285.0(9) 271.0(9)	153.0 167.0	5001	11N/19W-08R01 S	683.0	01/00/85	533.0	150.0	5649
32S/29E-02B01 M		10/25/84 02/22/85	NM-4 NM-4		5001	11N/19W-09F01 S		10/30/84 03/06/85	NM-9 NM-3		5001
32S/29E-02N01 M	408.0	10/25/84 02/22/85	261.4(9) 243.4(9)	146.6 164.6	5001	11N/19W-10A01 S		10/30/84 03/06/85	NM-7 NM-7		5001
32S/29E-03001 M	408.0	10/25/84 03/11/85	NM-1 253.0(9)	155.0	5001	11N/19W-10E01 S	647.0	01/00/85	506.0	141.0	5649
32S/29E-04P01 M	398.0	10/25/84 02/22/85	127.0(9) 127.0(9)	271.0 271.0	5001	11N/19W-10G01 S	644.0	10/30/84 01/00/85 03/08/85	486.0(9) 493.0 483.0(9)	158.0 151.0 161.0	5001 5649 5001
32S/29E-05R01 M		10/25/84 02/22/85	NM-3 NM-3		5001	11N/19W-10N01 S	683.0	10/30/84 01/00/85 03/06/85	522.0(9) 522.6 519.0(9)	161.0 160.4 164.0	5001 5649 5001
32S/29E-07H02 M	381.0	10/26/84 02/22/85	245.5(9) 214.5(9)	135.5 166.5	5001	11N/19W-13J01 S		10/30/84 03/06/85	NM-1 NM-3		5001
32S/29E-08F02 M	390.0	10/26/84 02/22/85	241.0(9) 208.0(9)	149.0 182.0	5001	11N/19W-14H01 S	703.0	01/30/85	539.5	160.5	5649
32S/29E-09F01 M	407.0	10/26/84 02/22/85	252.0(9) 239.0(9)	155.0 168.0	5001	11N/19W-14N01 S	750.0	01/30/85	581.0	169.0	5649
32S/29E-11R03 M	454.0	10/26/84 02/22/85	304.8(9) 288.8(9)	149.2 165.2	5001	11N/19W-14001 S	736.0	10/30/84 03/06/85	562.0(9) 559.0(9)	174.0 177.0	5001
32S/29E-12P01 M	470.0	10/26/84 02/22/85	274.5(9) 248.5(9)	195.5 221.5	5001	11N/19W-15G01 S	698.0	11/32/84 03/06/85	539.0(9) 533.0(9)	159.0 165.0	5001
32S/29E-15H01 M	470.0	10/26/84 02/22/85	NM-5 288.0(9)	182.0	5001	11N/19W-17F02 S		10/30/84 03/06/85	NM-3 NM-3		5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA					C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA				
11N/19W-18R01 S		11/02/84 03/06/85	NM-3 NM-3		5001	11N/21W-11001 S	556.8	10/02/84	452.9	103.9	5050
11N/19W-19G01 S	779.0	01/00/85	630.0	145.0	5649	11N/21W-12N02 S	528.0	10/02/84 01/00/85	425.0 424.0	103.0 104.0	5050 5649
11N/19W-19M01 S	795.0	11/02/84 01/00/85 03/06/85	619.0(9) 638.0 613.0(9)	176.0 157.0 162.0	5001 5649 5001	11N/22W-01802 S	499.0	01/00/85	351.0	147.0	5649
11N/19W-19P01 S	813.0	01/00/85	668.0	145.0	5649	11N/22W-01901 S	572.0	10/03/84	442.0	130.0	5050
11N/19W-19R02 S	825.0	11/02/84 03/06/85	640.0(9) 640.0(9)	185.0 185.0	5001	11N/22W-04FC2 S	529.0	10/03/84	361.0	168.0	5050
11N/19W-20P01 S	845.0	01/00/85	683.0	162.0	5649	11N/22W-04H01 S	529.0	10/03/84 01/00/85	380.3 403.3	148.7 125.7	5050 5649
11N/19W-21001 S	847.0	11/02/84 03/06/85	671.0(9) NM-3	176.0	5001	11N/22W-06H01 S	540.0	01/00/85	333.0	207.0	5649
11N/19W-22E01 S	801.0	11/02/84 01/00/85 03/08/85	651.0(9) 684.0 651.0(9)	150.0 117.0 150.0	5001 5649 5001	11N/22W-06N01 S	616.0	01/00/85	361.0	255.0	5649
11N/19W-24H01 S	737.0	11/02/84 01/00/85 03/08/85	552.0(9) 560.0 NM-3	185.0 177.0 5001	5001 5649 5001	11N/22W-08G02 S	590.0	01/00/85	399.0	191.0	5649
11N/19W-25F01 S		11/02/84 03/08/85	NM-9 NM-3		5001	11N/22W-13001 S	801.0	01/00/85	424.0	377.0	5649
11N/19W-29G01 S	892.0	11/02/84 01/00/85 03/08/85	NM-9 728.5 NM-3		5001 5649 5001	12N/18W-30N01 S	578.0	11/05/84 01/00/85 03/08/85	385.0(9) 394.0 382.0(9)	193.0 184.0 196.0	5001 5649 5001
11N/20W-02L01 S	503.0	10/02/84	435.5(4)	67.5	5050	12N/18W-31001 S	586.0	01/00/85	408.0	178.0	5649
11N/20W-03J01 S	480.0	10/02/84 01/00/85	386.0 380.0	94.0 100.0	5050 5649	12N/19W-25001 S	550.1	01/00/85	390.0	160.1	5649
11N/20W-04G01 S	420.0	10/02/84 11/05/84 03/08/85	293.0 292.0(9) 288.0(9)	127.0 128.0 132.0	5050 5001	12N/19W-33E01 S	505.0	11/05/84 03/08/85	386.0(9) NM-3	119.0	5001
11N/20W-04H01 S	434.0	11/05/84 03/08/85	149.0(9) 147.0(9)	285.0 287.0	5001	12N/19W-33L01 S	510.0	11/05/84 03/08/85	404.0(9) NM-3	106.0	5001
11N/20W-04H02 S	434.0	10/02/84	343.0	91.0	5050	12N/19W-33R01 S	550.0	01/00/85	432.0	119.0	5649
11N/20W-05J02 S	398.0	11/05/84 03/08/85	289.0(9) 282.0(9)	110.0 116.0	5001	12N/19W-34H02 S	537.0	01/00/85	368.0	169.0	5649
11N/20W-05L01 S	388.0	10/02/84 11/05/84 01/00/85 03/08/85	267.9 258.0(9) 254.9 259.0(9)	120.1 130.0 133.1 129.0	5050 5001 5649 5001	12N/19W-34P01 S		11/05/84 03/08/85	NM-8 NM-8		5001
11N/20W-06P01 S	405.0	10/02/84 01/00/85	310.0 345.0	95.0 60.0	5050 5649	12N/19W-34R01 S	560.0	11/05/84 03/08/85	392.0(9) 391.0(9)	168.0 169.0	5001
11N/20W-08R01 S	440.0	01/00/85	307.0	133.0	5649	12N/19W-36P01 S	595.0	11/05/84 03/11/85	425.0(9) 420.0(9)	170.0 175.0	5001
11N/20W-09C01 S	440.0	11/05/84 01/00/85 03/08/85	308.0(9) 313.0 306.0(9)	132.0 127.0 134.0	5001 5649 5001	12N/19W-36Q01 S	602.0	11/05/84 01/00/85 03/11/85	429.0(9) 434.0 423.0(9)	173.0 168.0 179.0	5001 5649 5001
11N/20W-09P01 S	460.3	11/05/84 01/00/85 03/08/85	336.0(9) 337.3 333.0(9)	124.3 123.0 127.3	5001 5649 5001	12N/19W-36R02 S	606.0	11/05/84 03/11/85	434.0(9) 428.0(9)	172.0 178.0	5001
11N/20W-10C02 S	485.0	10/02/84	401.0	84.0	5050	12N/20W-33F01 S	377.0	11/05/84 03/11/85	239.0(9) 233.0(9)	138.0 144.0	5001
11N/20W-11C01 S	525.0	10/02/84 01/00/85	431.0 429.0	94.0 96.0	5050 5649	12N/20W-33P01 S	396.0	11/05/84 03/11/85	160.0(9) 157.0(9)	236.0 239.0	5001
11N/20W-13G01 S	662.7	01/00/85	514.8	147.9	5649	12N/20W-34801 S		11/05/84 03/11/85	NM-3 NM-3		5001
11N/20W-13R01 S	709.0	01/00/85	553.0	156.0	5649	12N/20W-35P01 S	469.7	11/05/84 03/11/85	335.5(9) 329.5(9)	134.2 140.2	5001
11N/20W-14801 S	612.0	10/02/84 01/00/85	522.0 524.0	90.0 88.0	5050 5649	12N/20W-36G01 S	478.0	11/05/84 03/11/85	375.0(9) 365.0(9)	103.0 113.0	5001
11N/20W-16H02 S	510.0	10/02/84	420.0	90.0	5050	12N/21W-27N02 S	390.0	01/00/85	205.0	185.0	5649
11N/20W-17H01 S	456.0	10/02/84	349.0	107.0	5050	12N/21W-29N01 S	423.3	01/00/85	228.0	195.3	5649
11N/20W-24A01 S	730.2	01/00/85	575.6	154.6	5649	12N/21W-31F01 S	459.0	10/03/84 01/00/85	295.0 294.0	163.0 164.0	5050 5649
11N/21W-02G01 S	444.0	01/00/85	241.0	203.0	5649	12N/21W-31H01 S	459.0	10/03/84	282.0	168.0	5050
11N/21W-03801 S	435.0	01/00/85	328.0	107.0	5649	12N/21W-31P01 S	480.0	10/03/84	208.0	272.0	5050
11N/21W-03N02 S	492.0	10/02/84	377.0	115.0	5050	12N/21W-32N01 S	478.0	10/03/84	332.0	146.0	5050
11N/21W-04F01 S	484.7	01/00/85	339.3	145.4	5649	12N/21W-32P01 S	472.0	10/03/84	310.0	162.0	5050
11N/21W-04H01 S	482.0	01/00/85	323.3	158.7	5649	12N/21W-33N01 S	458.0	01/00/85	255.0	203.0	5649
11N/21W-07001 S	590.0	10/02/84	461.0	129.0	5050	12N/21W-34G03 S	406.0	10/02/84	272.0	134.0	5050
11N/21W-08C01 S	554.0	10/02/84	422.4	131.6	5050	12N/21W-34N01 S	445.0	10/02/84	343.5	101.5	5050
11N/21W-08E01 S	564.0	10/02/84 01/00/85	433.0 435.0	131.0 129.0	5050 5649	12N/21W-34P02 S	430.0	10/02/84	336.0	94.0	5050
11N/21W-09H01 S	554.0	10/02/84	444.0	110.0	5050	12N/21W-35N02 S	427.0	10/02/84	250.0	177.0	5050
11N/21W-10G01 S	545.0	10/02/84	439.0	106.0	5050	12N/21W-35Q01 S	415.0	10/02/84	272.0	143.0	5050
11N/21W-11N01 S	572.8	10/02/84	479.4	93.4	5050	12N/21W-36N01 S	399.0	10/02/84 01/00/85	217.0 214.0	181.0 184.0	5050 5649
						12N/21W-36Q01 S	386.0	10/02/84	241.0	145.0	5050
						12N/22W-30N02 S	467.0	01/00/85	226.0	241.0	5649
						12N/22W-31L02 S	482.0	01/00/85	267.0	215.0	5649
						12N/22W-34J01 S	485.0	10/03/84 01/00/85	336.0 336.0	149.0 149.0	5050 5649

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-01 C-01.X	TULARE LAKE HB SOUTH VALLEY FLOOR HU ARVIN-WHEELER RIDGE HA					C C-03 C-03.A	TULARE LAKE HB KINGS RIVER HU HUMPHREYS STATION HA				
12N/22W-35E01 S	471.0	01/00/85	232.0	239.0	5649	12S/22E-25A01 M	555.0	10/05/84 02/11/85 09/30/85	7.2 1.3 2.0	547.8 553.7 553.0	5001
12N/22W-35H01 S	465.0	01/00/85	239.0	226.0	5649						
12N/22W-35H02 S	466.0	10/03/84	319.0	147.0	5050	13S/23E-09001 M	548.0	10/06/84 02/11/85	1.6 .8	546.4 547.2	5001
12N/22W-35R01 S	495.0	10/03/84 01/00/85	350.0 339.0	145.0 156.0	5050 5649						
12N/22W-36R02 S	487.0	10/03/84 01/00/85	362.0 333.0	125.0 154.0	5050 5649						

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-04 C-04.C	TULARE LAKE HB KAWEAH RIVER HU YOKOHL CREEK HA					C C-05 C-05.A C-05.A1	TULARE LAKE HB SOUTHERN SIERRA HU TULE RIVER HA SPRINGVILLE HSA				
18S/27E-27J01 M	515.0	01/18/85 09/24/85	5.0 7.0	510.0 508.0	5001	21S/28E-22K01 M	760.0	01/22/85 09/24/85	44.1 49.5	715.9 710.5	5001

TABLE D (CONTINUED)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C C-07 C-07.C	TULARE LAKE HA GRAPEVINE HU SAN EMIGONIO HA										
09N/19W-31N01 S	4570.0	10/01/84	12.6	4557.4	3908						
		11/01/84	11.5	4558.5							
		12/03/84	11.4	4558.6							
		01/02/85	9.6	4560.4							
		02/01/85	9.6	4560.4							
		03/01/85	10.2	4559.8							
		04/01/85	11.6	4558.4							
		05/01/85	14.0	4556.0							
		06/03/85	16.2	4553.8							
		07/01/85	18.1	4551.9							
		08/01/85	19.8	4550.2							
		09/03/85	17.5	4552.5							
09N/20W-36F01 S	4774.0	10/01/84	12.5	4761.5	3908						
		11/01/84	19.3	4754.7							
		12/03/84	12.0	4762.0							
		01/02/85	9.7	4764.3							
		02/01/85	10.9	4763.1							
		03/01/85	12.0	4762.0							
		04/01/85	14.1	4759.9							
		05/01/85	17.0	4757.0							
		06/03/85	18.4	4755.6							
		07/01/85	21.0	4753.0							
		08/01/85	21.8	4752.2							
		09/03/85	16.9	4757.1							
09N/20W-36F02 S	4767.0	10/01/84	17.0	4750.0	3908						
		11/01/84	14.8	4752.2							
		12/03/84	16.4	4750.6							
		01/02/85	14.2	4752.8							
		02/01/85	14.3	4752.7							
		03/01/85	15.0	4752.0							
		04/01/85	18.4	4748.6							
		05/01/85	19.2	4747.8							
		06/03/85	23.3	4743.7							
		07/01/85	25.6	4741.4							
		08/01/85	25.7	4741.3							
		09/03/85	21.2	4745.8							
09N/20W-36H01 S	4570.0	10/01/84	43.5	4526.5	3908						
		11/01/84	42.5	4527.5							
		12/03/84	44.5	4525.5							
		01/02/85	40.2	4529.8							
		02/01/85	39.8	4530.2							
		03/01/85	40.0	4530.0							
		04/01/85	42.3	4527.7							
		05/01/85	46.5	4523.5							
		06/03/85	49.3	4520.7							
		07/01/85	52.1	4517.9							
		08/01/85	52.3	4517.7							
		09/03/85	49.5	4520.5							

APPENDIX E

GROUND WATER QUALITY

APPENDIX E
GROUND WATER QUALITY

Appendix E presents the results of chemical analyses of ground water samples collected in the San Joaquin Valley from October 1, 1984 to September 30, 1985. The data are grouped in two categories:

Table	Title
E-1	Mineral Analyses of Ground Water
E-2	Minor Element Analyses of Ground Water

Ground water quality stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Areal code numbers appear in the tables to the left of the hydrologic area names, and the data listed thereunder are in that hydrologic area. The number of quality stations precludes plotting each individual well on maps in this publication. Instead, Figure 7 shows the location of the San Joaquin Valley ground water basin, in which the water samples were taken.

To facilitate station location, the following page lists the name and areal code number for each hydrologic area (or subarea) in which the measurements were taken. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. Also listed are the page numbers on which the analyses may be found. (The number of pages referenced indicates the extent of analyses of each station.)

The location of a well can be approximated by the well number. The numbering system for the wells is described in Appendix D, page 115.

In order to increase the amount of information in the water quality tables, some columns have multiple headings, and data are tabulated respectively. For example, the first column of Table E-1 shows the date of sampling printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data were obtained.

Abbreviations and codes used in the tables are explained at the beginning of each table.

Areal Codes for Hydrologic Areas and Index to Data—Appendix E

Hydrologic Area*		Areal Code**	Data on page	Hydrologic Area*		Areal Code**	Data on page
<u>San Joaquin</u>	HB	B		<u>Tulare Lake</u>	HB	C	
<u>Delta-Mendota Canal</u>	HU	B-06		<u>South Valley Floor</u>	HU	C-01	
Patterson	HA	B-06.A	214	Consolidated	HA	C-01.G	216,223
Los Banos	HA	B-06.B	214	Hanford-Lemoore	HA	C-01.J	217
				Kaweah Delta	HA	C-01.K	217,223
217,223				Tule Delta	HA	C-01.L	217
<u>San Joaquin Valley</u>				Kettleman	HA	C-01.P	218,223
<u>Floor</u>	HU	B-08		Antelope Plain	HA	C-01.Q	218
Manteca	HA	B-08.A	214	Semitropic	HA	C-01.R	218
Valley Home	HA	B-08.B	214	North Kern	HA	C-01.T	218
Riverbank	HA	B-08.C	214	Kern Delta	HA	C-01.V	218,224
Turlock	HA	B-08.E	214				
Merced	HA	B-08.H	214	<u>Kings River</u>	HU	C-03	
Gravelly Ford	HA	B-08.K	214	Upper Kings	HA	C-03.B	
Madera	HA	B-08.L	215	Sycamore Creek	HSA	C03.B1	220
Berenda Creek	HA	B-08.M	215				
*See page 2.							
**See Figure 2.							
NOTE: Measurements made in Basin 5-22 only.							

TABLE E-I

MINERAL ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

1529 - Selma-Kingsburg-Fowler County Sanitation District
 4775 - Shell Oil Company
 5050 - California Department of Water Resources
 5701 - California Water Service Company
 5702 - Individual Owner
 5806 - BC Laboratory
 5999 - Unknown Agency

Abbreviations and Constituents

TIME - Pacific Standard Time on a 24-hour clock
 TEMP - Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
 Field - Determined in the field
 Laboratory - Determined in the laboratory
 pH - Measure of acidity or alkalinity of water
 EC - Electrical conductance in microsiemens at 25°C

Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units: milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TURB - Jackson turbidity units measured with a Hach nephelometer (A); if in the field, (F)
 TDS - Gravimetric determination of total dissolved solids at 180°C (value followed by * is a determination at 105°C)
 SUM - Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight
 TH - Total hardness
 NCH - Noncarbonate hardness - any excess of total hardness over total alkalinity
 SAR - Sodium adsorption ratio
 ASAR - Adjusted sodium adsorption ratio

(Continued on next page)

EM

- Remarks; code letter are:

T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.

S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.

X - The field EC and the lab EC are not within 20 percent of each other.

C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

E - Total dissolved solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.

MINERAL ANALYSES OF GROUND WATER

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TABLE E-1 (CONTINUED)
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD		PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS SUM	TH MCH	SAP ASAR	REM	
			CA	MG			NA	K	CACO3	SO4	CL	NO3	TURB	SI02									
R R-OR R-OR,K																				SAN JOAQUIN HA SAN JOAQUIN VALLEY FLOOR HU GRAVELLY FORD HA			
0/26/84 1530	5050 5050	12S/14E-28E03 M	19.0F	7.2	550	15	9.0	92	2.6	108	66	72	.6	.4	.2	343	74	4.7					
			7.2C	8.1	575	.75	.74	4.00	.07	2.16	1.37	2.03	.01	--	323	0	6.4						
						13	13	72	1	39	25	36	0										
0/26/84 1330	5050 5050	12S/14E-28L04 M	20.0F	7.4	590	21	9.0	92	2.6	120	55	80	.4	.3	.2	363	90	4.2					
			4.7C	8.0	572	1.05	.74	4.00	.07	2.40	1.15	2.26	.01	--	332	0	6.4						
						18	13	68	1	41	20	39	0										
0/26/84 1415	5050 5050	12S/14E-28001 M	19.0F	7.6	810	8.0	1.0	165	2.8	141	130	108	.5	.5	.5	580	24	16.4	E				
			7.2C	8.1	798	.40	.08	6.05	.07	2.82	2.71	3.05	.01	--	520	0	16.1						
						5	1	94	1	33	32	36	0										
1/08/84 1430	5050 5050	12S/14E-35M04 M	19.0F	7.4	710	9.0	3.0	156	1.6	171	53	108	.5	.2	.2	475	35	11.6					
			7.2C	8.2	780	.45	.25	6.87	.04	3.42	1.10	3.05	.01	--	436	0	14.3						
						6	3	90	1	45	15	40	0										
1/08/84 1400	5050 5050	12S/14E-35M05 M	15.0F	6.8	780	28	12	152	4.5	180	77	135	.6	.2	.1	547	120	6.0					
			9.4C	7.8	434	1.40	.99	6.61	.12	3.60	1.60	3.81	.01	--	517	0	10.7						
						15	11	72	1	40	18	42	0										
1/08/84 1330	5050 5050	12S/14E-36001 M	18.0F	7.5	1010	10	2.0	265	1.4	288	93	159	2.2	.2	.2	753	33	20.1					
			7.8C	8.2	1220	.50	.16	11.53	.04	5.75	1.94	4.48	.04	--	705	0	28.0						
						4	1	94	0	47	16	37	0										
1/09/84 1430	5050 5050	12S/15E-32F01 M	19.0F	7.6	810	25	10	180	6.5	316	41	90	11.4	.3	.2	623	104	7.7					
			7.2C	8.0	960	1.25	.92	7.83	.17	6.31	.85	2.54	.18	--	554	0	15.0						
						12	8	78	2	64	9	26	2										
7/24/85 1355	5050 5050	13S/16E-02C02 M	72 F		742	35	20	51	3.1	177	34	45	18.0	.0	--	400	170	1.7					
			22 C	8.2	620	1.75	1.64	2.22	.08	3.54	.71	1.27	.29	--	312	0	3.3	T					
						31	29	39	1	61	12	22	5										
R-OR,L MANERA HA																							
5/07/85 1130	5050 5050	10S/15E-31401 M	71.6F	7.2	750	49	17	26	5.5	159	22	37	27.0	.0	--	348	192	0.8	Y				
			22.0C	7.9	515	2.45	1.40	1.13	.14	3.18	.40	1.04	.44	--	279	34	1.6						
						48	27	22	3	62	9	20	9										
5/07/85 1400	5050 5050	12S/17E-24M01 M	73.4F	7.1	450	121	31	63	6.1	298	18	166	23.0	.0	--	712	430	1.3	Y				
			23.0C	7.8	1130	4.04	2.55	2.74	.16	5.95	.37	4.69	.37	--	607	132	3.3						
						53	22	24	1	52	3	41	3										
R-OR,M REPENDA CREEK HA																							
8/06/85 0715	5050 5050	10S/18E-03F01 M	67.1F	7.2	372	33	12	28	4.0	152	13	18	12.0	.0	--	270	132	1.1	E				
			19.5C	8.6	377	1.45	.99	1.22	.10	3.04	.77	.51	.19	--	211	0	1.9	T					
						42	25	31	3	76	7	13	5										
8/06/85 1135	5050 5050	11S/19E-10J01 M	82.4F	7.0	391	21	6.0	34	3.2	79	10	37	19.0	.0	--	249	77	1.7	E				
			28.0C	8.6	328	1.04	.49	1.48	.08	1.58	.21	1.04	.31	--	178	0	2.2	T					
						34	16	48	3	50	7	33	10										

MINERAL ANALYSES OF GROUND WATER

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MINERAL ANALYSES OF GROUND WATER

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TABLE E-1 (CONTINUED)
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				SAR ASAR	REMARKS				
				CA	MG	NA	K	PERCENT CACO3	PERCENT REACTANCE VALUE			TURB	F SIO2	TDS SUM	TH MCH						
									SO4	CL	NO3										
C-01 C-01.P				TULARE LAKE HA SMITH VALLEY FLOOR MII KETTLEMAN HA																	
20S/15E-20A01 M																					
01/17/85	5050	73	F	7.6	2100	60	103	255	6.5	241	635	122	1.6	2.0	--	1480	574	4.6	E		
1045	5050	23	C	8.1	2050	2.99	8.47	11.09	.17	4.82	13.22	3.44	.03	--	1330	332	11.9	S			
						13	37	49	1	22	61	16	0								
20S/16E-30M02 M																					
01/17/85	5050	66	F	7.4	1900	85	119	244	5.5	163	749	158	49.0	1.3	--	1640	702	4.0	E		
1025	5050	19	C	8.1	2180	4.24	9.79	10.61	.14	3.26	15.57	4.46	.79	--	1508	539	9.6	S			
						17	40	43	1	14	65	19	3								
21S/15E-03F01 M																					
01/17/85	5050	68	F	7.6	2600	146	103	376	6.1	173	1100	166	28.0	2.4	--	2220	789	5.8	E		
1000	5053	20	C	8.1	2840	7.29	8.47	10.36	.16	3.46	22.90	4.74	.45	--	2033	615	14.2	S			
						23	26	51	0	11	73	15	1								
C-01.0				ANTELOPE PLAIN HA																	
28S/22E-07P01 M																					
12/05/84	4775	--				--	--	--	--	--	1450	314	--	--	--				S		
	5804				3500						30.19	8.85		--	--				S		
C-01.R				SEMITROPIC HA																	
28S/23E-11E02 M																					
07/23/85	5050	75.2F	7.7	612	37	1.0	78	.7	84	109	42	17.0	.1	--	354	96	3.5				
1100	5050	24.0C	8.3	570	1.85	.08	3.39	.02	1.68	2.27	1.18	.27	--	335	13	4.8					
					35	1	63	0	31	42	22	5									
28S/24E-06F01 M																					
07/23/85	0000	82.4F	8.4	677	29	.0	91	.8	29	114	86	9.7	.1	--	349	72	4.7	E			
1030	5050	28.0C	8.4	618	1.45	.09	3.96	.02	.58	2.37	2.43	.16	--	348	44	3.8	S				
					27	0	73	0	10	43	44	3									
C-01.T				NORTH KERN HA																	
27S/26E-27A01 M																					
07/23/85	5050	75.2F	7.5	602	41	7.0	59	2.4	122	37	72	2.6	.2	--	314	131	2.2				
1330	5050	24.0C	8.4	546	2.05	.58	2.57	.06	2.44	.77	2.03	.04	--	294	10	3.8					
					39	11	49	1	46	15	38	1									
28S/24E-09A01 M																					
08/05/85	5050	80.6F	8.0	816	91	1.0	95	1.4	43	192	122	17.0	.1	--	574	231	2.7				
1135	5050	27.0C	8.1	923	4.54	.08	4.13	.04	.86	4.00	3.44	.27	--	545	188	3.0					
					52	1	47	0	10	47	40	3									
28S/25E-17L01 M																					
05/08/85	5050	73	F	8.0	800	62	2.0	76	1.6	43	122	102	26.0	.0	--	452	163	2.6			
0900	5050	23	C	7.9	731	3.09	.16	3.31	.04	.86	2.54	2.88	.42	--	417	120	3.4				
						47	2	50	1	13	38	43	6								
28S/26E-30A01 M																					
07/23/85	5050	77.0F	7.7	750	80	2.0	72	2.7	100	190	32	16.0	.3	--	460	208	2.2				
1300	5050	25.0C	8.3	708	3.49	.16	3.13	.07	2.00	3.96	.90	.26	--	455	108	3.9	S				
					54	2	43	1	28	56	13	4									
C-01.V				KERN DELTA HA																	
29S/27E-10M01 M																					
07/22/85	5701	70	F			62	4.0	59	2.8	62	130	64	25.0	--	.1	401	180	1.9			
0950	5701	21	C	7.7	660	3.09	.49	2.57	.07	1.24	2.71	1.80	.40	--	15.0	401	117	2.9			
						50	8	41	1	20	44	29	7								
29S/27E-10M02 M																					
07/22/85	5701	72	F			100	10	53	3.6	124	118	94	50.0	--	.1	522	290	1.4			
1530	5701	22	C	7.9	660	4.99	.92	2.31	.09	2.44	2.46	2.65	.81	--	19.0	522	167	2.7			
						61	10	28	1	30	29	32	10								
29S/27E-16M04 M																					
07/22/85	5701	72	F			66	2.0	47	2.7	66	110	60	29.0	--	.1	372	174	1.6			
1010	5701	22	C	8.0	595	3.29	.16	2.04	.07	1.32	2.29	1.69	.47	--	15.0	371	107	2.4	S		
						59	3	37	1	23	40	29	8								
29S/27E-25A02 M																					
07/18/85	5701					34	4.0	19	2.4	92	29	22	5.0	--	.1	199	110	0.8			
1325	5701		7.6	320	1.70	.49	.83	.06	1.84	.58	.62	.08	--	28.0	200	18	1.2				
						55	16	27	2	59	19	20	3								
29S/27E-25M02 M																					
08/27/85	5701	53	F			29	5.0	21	2.6	79	23	27	4.0	--	.1	183	93	0.9			
1000	5701	17	C	7.7	285	1.45	.41	.41	.07	1.58	.48	.76	.06	--	24.0	183	14	1.3			
						51	14	32	2	55	17	26	2								
29S/27E-25M01 M																					
07/10/85	5701	70	F			40	9.0	23	2.5	116	32	22	7.0	--	.1	234	137	0.9			
1300	5701	21	C	7.5	375	2.00	.74	1.00	.06	2.32	.67	.62	.11	--	30.0	235	21	1.5			
						53	19	26	2	62	18	17	3								
29S/27E-26P01 M																					
11/08/84	5701	61	F			24	5.0	30	2.0	62	27	37	4.0	--	.2	187	80	1.5			
1115	5701	15	C	7.3	314	1.20	.41	1.31	.05	1.24	.56	1.04	.06	--	21.0	187	19	1.8			
						40	14	44	2	43	19	36	2								
29S/27E-35A02 M																					
07/10/85	5701	70	F			22	3.0	17	1.7	66	15	11	3.0	--	.2	139	66	0.9			
1240	5701	21	C	7.4	210	1.10	.25	.74	.04	1.32	.31	.31	.05	--	29.0	140	2	1.1			
						52	12	35	2	66	16	16	3								

TABLE E-1 (CONTINUED)
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY		MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
			PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SiO2	TDS SUM	TH MCM	SAR ASAP		
C C-01 C-01.V TULARE LAKE HR SOUTH VALLEY FLOOR HU KERN DELTA HA																			
29S/28E-16F01 M																			
08/27/85 1040	5701	63	F			34	5.0	20	1.9	107	15	16	1.0	--	.2	180	105	0.8	
		17	C	8.1	275	1.70	.41	.87	.05	2.14	.31	.45	.02	24.0	181	0	1.3		
						56	14	29	2	73	11	15	1						
29S/28E-16001 M																			
07/18/85 1240	5701	77	F			60	6.0	25	1.8	86	86	36	5.0	--	.1	290	174	0.8	
		25	C	8.0	485	2.99	.49	1.09	.05	1.72	1.79	1.02	.08	28.0	290	88	1.4		
						65	11	24	1	37	39	22	2						
29S/28E-16R01 M																			
08/05/85 1100	5701	70	F			259	37	90	3.0	72	338	382	55.0	--	.1	1225	802	1.4	
		21	C	7.8	1800	12.92	3.04	3.92	.08	1.44	7.04	10.77	.89	17.0	1224	727	2.9		
						65	15	20	0	7	35	53	4						
29S/28E-17R01 M																			
08/07/85 1515	5701					58	11	26	2.0	91	70	56	1.0	--	.1	302	190	0.8	
				7.9	485	2.89	.90	1.13	.05	1.82	1.46	1.58	.02	24.0	303	99	1.4		
						58	18	23	1	37	30	32	0						
29S/28E-19N02 M																			
07/24/85 1515	5701	70	F			26	5.0	21	2.1	86	30	10	2.0	--	.2	172	89	1.0	
		21	C	7.6	250	1.30	.41	.91	.05	1.72	.62	.28	.03	24.0	172	0	1.4		
						49	15	34	2	65	23	11	1						
29S/28E-19F02 M																			
09/04/85 1330	5701	70	F			29	5.0	19	1.9	92	26	15	5.0	--	.1	202	97	0.8	
		21	C	7.5	270	1.45	.49	.83	.04	1.84	.54	.42	.08	45.0	202	5	1.2		
						52	17	30	1	64	19	15	3						
29S/28E-19N02 M																			
06/17/85 1200	5701	64	F			38	.0	23	2.3	88	28	14	11.0	--	.1	192	94	1.0	
		19	C	7.3	280	1.90	.00	1.00	.06	1.76	.58	.39	.18	24.0	193	7	1.5		
						64	0	34	2	60	20	13	6						
29S/28E-20F01 M																			
08/06/85 1100	5701	72	F			188	29	54	4.1	74	434	128	7.0	--	.1	912	590	1.0	
		22	C	7.7	1400	9.38	2.38	2.35	.10	1.48	9.04	3.61	.11	24.0	912	514	2.0		
						66	17	17	1	10	63	25	1						
29S/28E-20F02 M																			
08/06/85 1400	5701	70	F			274	45	86	3.3	64	543	267	1.0	--	.1	1283	872	1.0	
		21	C	7.9	1450	13.67	3.70	2.87	.08	1.28	11.51	7.53	.02	34.0	1282	805	2.0		
						67	18	14	0	6	57	37	0						
29S/28E-20H01 M																			
08/27/85 1100	5701	73	F			114	12	30	2.4	61	189	95	1.0	--	.1	498	337	0.7	
		23	C	8.0	805	5.69	.99	1.31	.06	1.22	3.93	2.68	.02	17.0	497	273	1.3		
						71	12	16	1	16	50	34	0						
29S/28E-20L01 M																			
07/22/85 1230	5701	70	F			167	19	37	2.8	78	292	137	2.0	--	.1	734	498	0.7	
		21	C	7.5	1150	8.33	1.56	1.81	.07	1.56	5.20	3.85	.03	24.0	734	417	1.4		
						72	13	14	1	13	53	33	0						
29S/28E-20L01 M																			
08/27/85 1020	5701	70	F			187	8.0	41	3.1	79	308	147	1.0	--	.1	767	503	0.8	
		21	C	7.8	1210	9.33	.66	1.78	.08	1.58	5.41	4.15	.02	24.0	766	421	1.6		
						79	6	15	1	13	53	34	0						
29S/28E-30A01 M																			
07/10/85 1445	5701	72	F			23	2.0	18	1.4	78	17	8.1	1.0	--	.2	143	66	1.0	
		22	C	8.1	215	1.15	.16	.78	.04	1.56	.35	.23	.02	25.0	143	0	1.2		
						54	8	37	2	72	16	11	1						
29S/28E-30H02 M																			
07/18/85 1155	5701	68	F			29	4.0	16	1.6	94	25	12	7.0	--	.1	173	90	0.7	
		20	C	7.6	255	1.45	.33	.70	.05	1.68	.52	.34	.11	29.0	173	5	1.0		
						57	13	28	2	63	20	13	4						
29S/28E-30H04 M																			
06/17/85 1145	5701	68	F			41	9.0	24	2.5	122	35	17	14.0	--	.1	239	134	0.9	
		20	C	7.2	375	2.05	.66	1.04	.06	2.44	.73	.49	.23	25.0	241	14	1.6		
						54	17	27	2	63	19	12	5						
29S/28E-31H01 M																			
09/06/85 1430	5701	70	F			53	19	30	2.7	129	33	47	15.0	--	.2	306	173	1.0	
		21	C	7.4	495	2.64	.82	1.31	.07	2.58	.81	1.33	.24	32.0	306	44	1.8		
						55	17	27	1	52	16	27	5						
29S/28E-32H01 M																			
09/05/85 1430	5701	68	F			345	23	96	9.0	105	782	147	44.0	--	.1	1516	956	1.4	
		20	C	7.8	1950	17.22	1.89	4.18	.23	2.10	16.28	4.31	.45	17.0	1516	851	3.2		
						73	8	18	1	9	71	18	2						
29S/28E-32L01 M																			
09/06/85 1100	5701	77	F			110	14	36	3.2	101	229	43	8.0	--	.1	525	335	0.9	
		24	C	7.9	770	5.49	1.15	1.57	.08	2.02	4.77	1.21	.13	21.0	525	231	1.7		
						66	14	19	1	75	59	15	2						
29S/28E-32P02 M																			
09/27/85 1115	5701	70	F			155	6.0	62	4.4	109	309	81	28.0	--	.1	731	415	1.3	
		21	C	7.8	1200	7.73	.49	2.70	.11	2.18	6.43	2.24	.45	19.0	730	302	2.6		
						70	4	24	1	19	57	20	4						
30S/27E-01K01 M																			
06/17/85	5701	64	F			34	5.0	32	2.5	108	25	18	14.0	--	.1	217	104	1.4	
		18	C	7.3	340	1.70	.41	1.34	.06	2.16	.54	.51	.23	21.0	217	0	2.1		
						48	12	39	2	43	16	15	7						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD		MINERAL	CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				TDS SUM	TH NCM	SAR ASAR	REM
			LABORATORY PH	EC		CA	MG	NA	K	PERCENT REACTANCE VALUE				TJR8	SIO2	F					
										CACO3	SO4	CL	NO3								

C C-01 C-01.V		TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA																			
30S/27E-02P01 M																					
07/18/85 1430	5701 5701	66	F			33	6.0	24	2.0	98		20	20	12.0	--	.2	205	106	1.0		
		19	C	7.6	310	1.65	.49	1.04	.05	1.96	.42	.56	.19		30.0	206	9	1.6			
						51	15	32	2	63	13	18	6								
30S/27E-11R01 M																					
07/18/85 1500	5701 5701	70	F			50	11	36	2.7	146		44	25	29.0	--	.1	315	170	1.2		
		21	C	7.3	490	2.50	.90	1.57	.07	2.92	.92	.71	.47		30.0	315	24	2.3			
						50	18	31	1	58	18	14	9								
30S/27E-12C01 M																					
08/27/85 0840	5701 5701	64	F			44	9.0	24	2.7	133		29	17	15.0	--	.1	244	149	0.9		
		18	C	7.5	385	2.20	.74	1.04	.07	2.66	.60	.48	.24		24.0	244	14	1.5			
						54	18	26	2	67	15	12	6								
30S/27E-12R01 M																					
06/17/85 1445	5701 5701	66	F			22	4.0	18	1.6	76		17	9.0	6.0	--	.2	145	70	0.9		
		19	C	7.4	210	1.10	.33	.78	.04	1.52	.35	.25	.10		24.0	147	0	1.2			
						49	15	35	2	68	16	11	5								
30S/27E-13H02 M																					
06/17/85 1520	5701 5701	64	F			29	4.0	20	1.9	94		19	11	6.0	--	.1	167	90	0.9		
		18	C	7.8	245	1.45	.33	.87	.05	1.88	.40	.31	.10		19.0	166	0	1.3			
						54	12	32	2	70	15	12	4								
30S/27E-23801 M																					
07/10/85 1430	5701 5701	72	F			33	7.0	20	2.3	116		27	6.0	5.0	--	.1	203	110	0.8		
		22	C	7.8	305	1.65	.58	.87	.06	2.32	.56	.17	.08		34.0	204	0	1.4			
						52	18	28	2	74	18	5	3								
30S/27E-23C03 M																					
07/22/85 1100	5701 5701	64	F			34	6.0	22	2.0	112		28	12	7.0	--	.2	202	110	0.9		
		18	C	7.7	325	1.70	.49	.96	.05	2.24	.59	.34	.11		24.0	202	0	1.5			
						53	15	30	2	69	18	10	3								
30S/28E-05C01 M																					
07/18/85 1155	5701 5701	70	F			52	11	29	1.8	136		40	31	16.0	--	.1	293	174	1.0		
		21	C	7.8	470	2.59	.90	1.26	.05	2.72	.83	.87	.26		30.0	292	39	1.8			
						54	19	26	1	58	18	19	6								
30S/28E-05F01 M																					
06/17/85 1430	5701 5701	66	F			53	14	27	1.6	128		51	32	27.0	--	.1	306	188	0.9		
		19	C	7.7	490	2.64	1.15	1.17	.04	2.56	1.06	.90	.44		24.0	306	62	1.6			
						53	23	23	1	52	21	18	9								
30S/28E-06M02 M																					
07/10/85 1045	5701 5701	70	F			23	4.0	19	1.8	74		20	9.0	11.0	--	.2	160	76	0.9		
		21	C	7.6	240	1.15	.33	.83	.05	1.48	.42	.25	.18		24.0	160	0	1.2			
						49	14	35	2	64	19	11	8								
30S/28E-17802 M																					
07/19/85 1030	5701 5701	72	F			46	12	44	3.2	133		53	32	43.0	--	.2	340	164	1.5		
		22	C	8.1	540	2.30	.99	1.91	.08	2.66	1.10	.90	.69		29.0	341	32	2.7			
						44	19	36	2	50	21	17	13								
30S/28E-20C01 M																					
07/22/85 1140	5701 5701					45	12	40	3.2	128		47	39	26.0	--	.2	312	160	1.4		
				8.0	515	2.25	.99	1.74	.08	2.56	.98	1.10	.42		24.0	313	34	2.5			
						44	20	34	2	51	19	22	8								
31S/25E-13801 M																					
05/08/85 0745	5050 5050	75	F	9.9	340	2.0	.0	65	.3	80		47	16	.0	.3	--	206	5	13.4		
		24	C	8.8	333	.10	.00	3.00	.01	1.60	.98	.45	.00		--	183	0	1.6			
						3	0	96	0	53	32	15	0								
C-03 C-03.8 C-03.R1 10S/24E-16A01 M		KINGS RIVER HU UPPER KINGS HA SYCAMORE CREEK HSA																			
02/19/85 1000	5050 5050					9.0	1.0	5.0	1.4	31		1.0	1.0	.4	.0	--	59	24	0.4	E	
				7.6	73	.40	.08	.22	.04	.62	.02	.03	.01		--	37	0	0.2	T		
						54	11	30	5	91	3	4	1								

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TABLE E-2
MINOR ELEMENT ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

5050 – California Department of Water Resources

5701 – California Water Service Company

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
EC	- Electrical conductance in microsiemens at 25 o C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All chromium
CHROM (HEX)	- Hexavalent chromium
D	- Dissolved
T	- Total

TABLE E-2

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TABLE E-2 (CONTINUED)
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAP	DEPTH	EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
C C-01 C-01.P 20S/16E-30N02 M TULARE LAKE HB SOUTH VALLEY FLOOR HU KETTLEMAN HA											
01/17/85 1025	5050 5050			19 C 7.4	--	--	--	--	--	0.000 T 0.017 D	--
21S/15E-03F01 M											
01/17/85 1000	5050 5050			20 C 7.6	--	--	--	--	--	0.000 T 0.005 D	--
C-01.V 29S/27E-10M01 M KERN DELTA HA											
07/22/85 0950	5701 5701			21 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-10N02 M											
07/22/85 1530	5701 5701			22 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-16N04 M											
07/22/85 1010	5701 5701			22 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-25R02 M											
07/18/85 1325	5701 5701				--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-25D02 M											
08/27/85 1000	5701 5701			17 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-25R01 M											
07/10/85 1300	5701 5701			21 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/27E-26P01 M											
11/08/84 1115	5701 5701			16 C	.0005 T	.07 T .0001 T	-- .0001 T	.002 T .002 T	.0005 T .001 T	.0001 T .0001 T	.0001 T .001 T
29S/27E-35A02 M											
07/10/85 1240	5701 5701			21 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/28E-16E01 M											
08/27/85 1040	5701 5701			17 C	--	--	--	.10 .29 T	-- .10 T	-- --	-- .13 T
29S/28E-16D01 M											
07/18/85 1240	5701 5701			25 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/29E-16R01 M											
08/05/85 1100	5701 5701			21 C	--	--	--	.005 T .77 T	-- .52 T	-- --	-- .005 T
29S/28E-17R01 M											
08/07/85 1515	5701 5701				--	--	--	.005 T .12 T	-- .63 T	-- --	-- .11 T
29S/28E-19D02 M											
07/24/85 1515	5701 5701			21 C	--	--	--	.35 T .10 T	-- .005 T	-- --	-- .45 T
29S/28E-19E02 M											
09/04/85 1330	5701 5701			21 C	--	--	--	.11 T .00 T	-- .25 T	-- --	-- .08 T
29S/28E-19N02 M											
06/17/85 1200	5701 5701			18 C	--	--	--	.005 T .005 T	-- .005 T	-- --	-- .005 T
29S/28E-20G01 M											
08/06/85 1100	5701 5701			22 C	--	--	--	.005 T 3.08 T	-- .42 T	-- --	-- .005 T
29S/28E-20G02 M											
08/06/85 1400	5701 5701			21 C	--	--	--	.005 T .05 T	-- .77 T	-- --	-- .005 T
29S/29E-20H01 M											
08/27/85 1100	5701 5701			23 C	--	--	--	.14 T .14 T	-- .10 T	-- --	-- .08 T
29S/29E-20L01 M											
07/22/85 1230	5701 5701			21 C	--	--	--	.005 T .10 T	-- .13 T	-- --	-- .005 T
08/27/85 1020	5701 5701			21 C	--	--	--	.06 T .13 T	-- .18 T	-- --	-- .005 T

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Department of Water Resources
Division of Planning
Statewide Data Coordinator
P. O. Box 942836
Sacramento, CA 94236-0001
(916) 445-7314

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